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ANNUAL CATALOGUE

of

LAKE FOREST COLLEGE

For the Year

1930-1931

Lake Forest, Illinois

All correspondence relating to the College should be addressed to the

PRESIDENT'S OFFICE
LAKE FOREST COLLEGE
Lake Forest, Illinois

CONTENTS

CORRESPONDENCE 4
CALENDAR 6-8

LAKE FOREST UNIVERSITY

ORGANIZATION AND HISTORY 9
BOARD OF TRUSTEES 11
ADMINISTRATIVE OFFICERS 13

LAKE FOREST COLLEGE

THE FACULTY 14
Committees of the Faculty 16
GENERAL INFORMATION 17
Location 17
Grounds and Buildings 17
The Library 21
Laboratories 22
Physical Training 23
Religious Culture 23
Student Life 24
Honor Societies 25
Student Organizations 26
Literary and Musical Advantages 28
Dormitories and Commons 29
Expenses 29
Scholarship and Loan Funds 31
Scholastic Honors 35
Prizes 35
The Bross Foundation 36
The Alumni 37
ADMINISTRATION OF THE CURRICULUM 38
Admission 38
Entrance Requirements 38
Registration 40
Regulations 42
REQUIREMENTS FOR GRADUATION 46
General Rules 46
Requirements for the Degree of Bachelor of Arts 46
Preparation for Professional and Technical Study 50
DEPARTMENTS OF INSTRUCTION 55
DEGREES CONFERRED, COMMENCEMENT, 1929 95
HONORS FOR 1929 97
ENROLLMENT, 1929-30 98
INDEX 108

EXPENSES ADMISSION COURSES ENROLL

1931

	S	M	T	W	T	F	S
JULY	....	....	....	1	2	3	4
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College Calendar

College Year 1930-31

	1930		
September	22	Monday,	Registration days
September	23	Tuesday,	See page 39.
September	24	Wednesday (8 a.m.),	First semester begins.
September	24	Wednesday,	First chapel exercises.
November	26	Wednesday (4:15 p.m.),	Thanksgiving recess begins.
December	1	Monday (8 a.m.),	Thanksgiving recess ends.
December	20	Saturday (12 m.),	Christmas recess begins.
	1931		
January	6	Tuesday (8 a.m.),	Christmas recess ends.
January	30	Friday,	Semester examinations.
February	7	Saturday,	
February	10	Tuesday,	Registration day.
February	11	Wednesday (8 a.m.),	Second semester begins.
April	4	Saturday (12 m.),	Spring recess begins.
April	14	Tuesday (8 a.m.),	Spring recess ends.
May	30	Saturday,	Memorial Day.
June	4	Thursday,	Semester examinations.
June	12	Friday,	
June	7	Sunday,	Baccalaureate service.
June	13	Saturday,	Commencement

Summer Vacation of Fourteen Weeks

September	21	Monday,	Registration days.
September	22	Tuesday,	

College Calendar

College Year 1931-32

	1931		
September	21	Monday,	Registration days.
September	22	Tuesday,	See page 40.
September	23	Wednesday (8 a.m.),	First semester begins.
September	23	Wednesday,	First chapel exercises.
November	25	Wednesday (4:15 p.m.),	Thanksgiving recess begins.
November	30	Monday (8 a.m.),	Thanksgiving recess ends.
December	19	Saturday (12 m.),	Christmas recess begins.
	1932		
January	5	Tuesday (8 a.m.),	Christmas recess ends.
January	29	Friday,	Semester examinations.
February	6	Saturday,	
February	9	Tuesday,	Registration day.
February	10	Wednesday (8 a.m.),	Second semester begins.
February	22	Monday,	Washington's birthday.
April	2	Saturday (12 m.),	Spring recess begins.
April	12	Tuesday (8 a.m.),	Spring recess ends.
May	30	Monday,	Memorial Day.
June	2	Thursday,	Semester examinations begin.
June	5	Sunday,	Baccalaureate service.
June	10	Friday,	Semester examinations end.
June	11	Saturday,	Commencement.

Summer Vacation of Fourteen Weeks

September	19	Monday,	Registration days.
September	20	Tuesday,	

ORGANIZATION *and* HISTORY *of* LAKE FOREST UNIVERSITY

In 1855 a number of prominent citizens of Chicago and vicinity conceived the idea of creating a new residence suburb and establishing in it an educational institution that should be near the city, and yet always retain the great advantages of a quiet situation in the country. Accordingly on February 28, 1856, they formed an unincorporated land and college company under the title of "The Lake Forest Association." A site was selected along the high wooded shore of Lake Michigan twenty-eight miles north of Chicago. Here the Association purchased about 1,300 acres of land. A charter for an educational institution, under the name of Lind University, was obtained on February 13, 1857. By act of February 16, 1865, the name was changed to Lake Forest University, which has since remained the legal title of the corporation. The plat of the town of Lake Forest was recorded July 23, 1857, every alternate lot being assigned to the University for its endowment, and sixty-two acres being set aside as a campus.

The first step taken under the charter of the University was the establishment, in the fall of 1859, of Lake Forest Academy, a preparatory school for boys. College work was begun in 1861, but was discontinued after a year on account of the Civil War, which called half the first freshman class into the field. There followed, in 1869, the establishment of a school for girls, Ferry Hall, named in honor of the Rev. William M. Ferry of Grand Haven, Michigan, who left a legacy for the founding of such a school.

The third step in the development of the institution was the opening, on September 7 ,1876, of Lake Forest College. The first class that was graduated from the College, in June, 1879, entered as seniors in 1878. The first class to enter Lake

Forest College and complete the four years' course was graduated in June, 1880.

The charter of Lake Forest University conveys the broadest powers for the establishment and maintenance of every grade and kind of institution for higher and professional education. A medical department was organized in Chicago as early as 1859, but was discontinued in 1864. Some years later alliances were made with certain prominent professional schools in Chicago: in 1887 with Rush Medical College and the Northwestern College of Dental Surgery, in 1888 with the Chicago College of Law, and in 1889 with the Chicago College of Dental Surgery. These relations were subsequently severed; and in 1902 the trustees of Lake Forest University unanimously decided to abandon all efforts to maintain professional departments, and to confine themselves to the development of Lake Forest College, Lake Forest Academy, and Ferry Hall.

In June, 1925, the trustees of Lake Forest University arranged for the sale of the two preparatory schools, Ferry Hall and Lake Forest Academy. These schools are now maintained in Lake Forest under private corporations with separate boards of trustees. The trustees of Lake Forest University are directing the development of Lake Forest College.

The founders of Lake Forest were Presbyterians; but while the College has always been in close sympathy with the historic church under whose auspices it was born, the Charter not only specifically forbids all denominational restrictions in the case of students, but prescribes no denominational tests either for trustees, president, or faculty. Lake Forest, however, is frankly and unequivocally Christian; founded by men who had profound faith in God, it continues to stand for the essential verities of our common Christian faith, and the effort is constantly made to maintain in the College a thoroughly Christian atmosphere.

BOARD OF TRUSTEES

HERBERT MCCOMB MOORE, D.D., *ex-officio*
President of Lake Forest College

TERM EXPIRES IN 1932

Alfred Thomas Carton	Lake Forest
Clarence Washington Diver, '05, LL.B.	Waukegan
George Thomas Rogers, '02, LL.B.	Lake Forest
Howard L. Willet	Chicago

TERM EXPIRES IN 1934

~~Rev. Frank Fitt, '11~~	~~Highland Park~~
Henry John Hanson, '00	Chicago
John Frederick Haas, '00, M.A., M.L.	Chicago
Harry Olson, LL.B., LL.D.	Evanston
Frank William Read	Lake Forest

TERM EXPIRES IN 1936

Lawrence Williams Scudder	Lake Forest
Marion W. Woolsey, '96	Chicago

TERM EXPIRES IN 1938

Abraham James Hennings, '09	Evanston
Clayton Mark	Lake Forest
Stewart Dent Marquis, '11, M.A.	Evanston
Ernest Palmer, '07, M.A., LL.B.	Evanston
Louis Franklin Swift	Lake Forest
Rev. Andrew C. Zenos, D.D., LL.D.	Chicago

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COURSES

OFFICERS OF THE BOARD

Clarence W. Diver, *President*
Ernest Palmer, *Vice-President*
Lawrence W. Scudder, *Secretary and Ass't. Treasurer*
FRANK W. READ, *Treasurer* WARREN S. HALL, *Business Manager*

COMMITTEES OF THE BOARD

EXECUTIVE COMMITTEE

Clarence W. Diver, *Chairman*

Alfred T. Carton — Herbert M. Moore, *ex-officio*
John F. Haas — Harry Olson
Clayton Mark — Louis F. Swift
Marion W. Woolsey

FINANCE COMMITTEE

A. J. Hennings, *Chairman*

Clayton Mark — Frank W. Read
Howard Willett — Marion W. Woolsey

CURRICULUM COMMITTEE

George T. Rogers, *Chairman*

Frank Fitt — Stewart D. Marquis
Lawrence W. Scudder — Herbert M. Moore, *ex-officio*

BUILDINGS AND GROUNDS COMMITTEE

Marion W. Woolsey, *Chairman*

Alfred T. Carton — Howard L. Willett
Ernest Palmer — Herbert M. Moore, *ex-officio*
Louis F. Swift

PEARSON LOAN FUND

Stewart D. Marquis, *Chairman*

John F. Haas — Herbert M. Moore, *ex-officio*
Frank W. Read

COMMITTEE ON NEW TRUSTEES

John F. Haas, *Chairman*

Alfred T. Carton — Harry Olson
Herbert M. Moore, *ex-officio* — Henry J. Hanson
Louis F. Swift

ADMINISTRATIVE OFFICERS

Office of the College
Henry C. Durand Institute

HERBERT MCCOMB MOORE, D.D.
President of Lake Forest College

WARREN S. HALL
Business Manager

RONALD B. WILLIAMS, Ph.D.
Dean of Men

AGNES R. KOUPAL, M.A.
Dean of Women

GEORGE A. WOOD, PH.D.
Secretary of the Faculty

FLETCHER B. COFFIN, PH.D.
Registrar

BRUCE LINEBURG, PH.D.
Director of Admissions

MABLE POWELL
Librarian

JOHN H. HUHNKE
Superintendent of Buildings and Grounds

CHARLES S. PIER, D.D.
Assistant to the President

PHILIP C. ALLEN, B.A.
Graduate Manager

FREDERICK H. HAYE, B.A.
Assistant to the President and Alumni Secretary

MARIE J. MELOY, B.A.
Secretary to the President

MILDRED H. ADAIR
Secretary to the Registrar and to the Entrance Committee

RUTH E. ZINK
Secretary to the Alumni Secretary and to the Graduate Manager

FLORENCE M. OLSON
Bookkeeper

HAZEL F. COLLIN
Manager of the Bookstore

THE FACULTY

HERBERT MCCOMB MOORE, D.D.
President and William Bross Professor of Biblical Literature
B. A. Lake Forest, D.D. Pittsburgh.

FLETCHER BARKER COFFIN, B.A. Harvard, M.A., LL.B., Ph.D., *ibid.*
Professor of Chemistry

HAROLD BARTLETT CURTIS, B.A. Cornell, Ph.D. *ibid.*
Professor of Mathematics

DANIEL FORD, B.A. Dartmouth, M.A. Harvard.
Professor of the English Language and Literature

ROSCOE E. HARRIS, B.S. Missouri Teachers' College, M.S. Chicago, Ph.D. *ibid.*
Professor of Physics

BRUCE LINEBURG, B.A. Ohio, M.A. Johns Hopkins, Ph.D. *ibid.*
Professor of Biology

WILLIAM E. MCPHEETERS, B.A. DePauw, M.A. Harvard, S.T.B., Ph.D. Boston.
Visiting Professor of English

GEORGE NEWTON SLEIGHT, B.A. Williams, B.Pd. New York State Teachers College, Ph.D. Chicago.
Professor of Education

FREDERICK CORNELIUS LEONARD VAN STEENDEREN, Staatsexamen, Utrecht; M.A. Penn College, Ph.D. Iowa.
Professor of Modern Languages

STERLING PRICE WILLIAMS, B.S. Polytechnic College, M.A. Texas, Ph.D. Chicago.
Professor of Philosophy and Psychology

GEORGE ARTHUR WOOD, B.A. Amherst, M.A. Columbia, Ph.D. *ibid.*
Professor of History

S. A. HARTZO, B.A. Washington and Lee, M.A. Columbia.
Associate Professor of Political Science

RONALD BOAL WILLIAMS, B.A. Iowa, M.A., Ph.D. *ibid.*
Dean of Men and Associate Professor of Political Science

ERNEST AMOS JOHNSON, B.A. Colorado College, M.A. University of Denver.
Associate Professor of Economics and Business Administration

AGNES ROSE KOUPAL, B.A. Illinois, M.A. Columbia.
Dean of Women and Instructor in English

ALFRED HASBROUCK, B. A. Harvard, M.A. Columbia, Ph.D. *ibid.*
Assistant Professor of History

LOUIS A. KELLER, B.A. Carroll College, M.B.A. Northwestern.
Assistant Professor of Economics

KARL ADOLF ROTH, B.A. Elmhurst, B.D. Oberlin, M.A. Northwestern.
Assistant Professor of the History of Religion and Biblical Literature

MARY SPERRY, B. A. Wooster, M.A. Radcliffe
Assistant Professor of English

RUSSELL CARLTON TOMLINSON, B.A. DePauw, ~~M.A. *ibid.*~~
Assistant Professor of Speech

BLANCHE ULA BOYCE, B.A. Illinois Wesleyan, B.Mus. Bush Conservatory of Music
Instructor in Pianoforte

VICTOR GRAHAM DAVEY, B.A. St. Stephen's, M.A. Northwestern.
Instructor in Romance Languages

ERNEST J. ENGQUIST, B.A. Lawrence, M.A. Illinois.
Instructor in Economics

LILLIAN MARIE LENNARDS, B.A. Northwestern, M.A., *ibid.*
Instructor in Spanish and Latin

ROBERT R. LOGAN, B.CH.E. University of Arkansas, B.S. (Business Administration) *ibid*, M.B.A. Northwestern.
Instructor in Economics

ELIZABETH TETER SMITH, B.A. Wellesley.
Instructor in Biology

LLOYD RITCHIE WYLIE, B.A. Park College, M.A. Northwestern.
Instructor in Mathematics

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WALTER S. ARMBRUSTER, B.M. Heidelberg University.
Director of Music

IRA DANIEL MACINTOSH, B.S. Rhode Island State College.
Director of Athletics for Men

MARY PENFIELD, B.S. Northwestern.
Director of Physical Education for Women and Instructor in English

DAVID ADAIR, B.A. Cedarville College.
Assistant Director of Athletics for Men and Instructor in English

MABLE POWELL, Library Certificate, Wisconsin.
Librarian

COMMITTEES OF THE FACULTY
1930-1931

Athletics: Mr. Lineburg, Chairman; Mr. MacIntosh, Mr. Adair, Miss Penfield.

Calendar and Schedule: Mr. Coffin, Mr. Hasbrouck.

Class Officers: Seniors, Mr. Coffin; Juniors, Mr. van Steenderen, Mr. Ford; Sophomores, Mr. Curtis, Mr. Wood, Mr. Sleight; Freshmen, Mr. Harris, Mr. R. B. Williams, Miss Koupal, Mr. Hasbrouck, Mr. Roth, Mr. Wylie.

Curriculum: Mr. Coffin, Chairman; Mr. S. P. Williams, Mr. Sleight, Mr. Wood, Mr. Harris.

Fraternities: Mr. R. B. Williams, Miss Koupal.

Library: Mr. van Steenderen, Chairman; Mr. Ford, Mr. Hartzo, Miss Powell.

Social Activities: Mr. Curtis, Chairman; Miss Koupal, Mr. Roth, Miss Lennards, Mr. Sleight.

Publications: Mr. Wood, Chairman; Mr. Keller, Miss Sperry.

Student Affairs: Mr. Sleight, Chairman; Mr. R. B. Williams, Mr. Tomlinson.

GENERAL INFORMATION

LOCATION

FEW suburbs in any American city equal Lake Forest in beauty and healthfulness. Situated on the shore of Lake Michigan, twenty-eight miles north of Chicago, it occupies the highest elevation of land between that city and Milwaukee, rising to a height of eighty feet above the lake. Deep, winding ravines, running inland half a mile or more, are a picturesque feature of the landscape.

Lake Forest has the appearance of a natural park. Instead of the straight streets and the regular blocks of the conventional town, there are broad country roads winding through the forest past attractive suburban residences with extensive and well-kept grounds. The name of the town is, therefore, exactly descriptive of its situation and its chief physical characteristic. The population is about five thousand. Express trains on the Milwaukee division of the Chicago and North Western Railway give easy access to Chicago in forty-five minutes; the Chicago, Milwaukee and North Shore Electric Railway maintains a frequent and convenient service between Lake Forest and other points along the north shore.

Lake Forest has all the advantages of proximity to a great city without its distractions and temptations. The semi-rural surroundings and homelike atmosphere of the community secure the seclusion and quiet so valuable to the student during the years of under-graduate work, while the proximity to Chicago brings within reach the musical and artistic advantages and the manifold activities of the city.

GROUNDS AND BUILDINGS

The campus consists of fifty acres of wooded land in the best residential district of Lake Forest, near Lake Michigan,

and is bounded on two sides by deep ravines. A third ravine divides the Campus into two parts:

(a) The South Campus, of forty acres. Here are situated College Hall, North Hall, Patterson Lodge, Academia, and the dormitories for men, Blackstone and Harlan Halls; Reid Memorial Library and Chapel; the Calvin Durand Commons for men; the Gymnasium; the Carnegie Science Hall; the President's House, and eleven residences for professors; and the central heating plant.

(b) The North Campus, of ten acres. Here are situated Lois Durand Hall, the dormitory for women; the Henry C. Durand Institute, and the Alice Home Hospital. Because of the isolation of this portion of the college grounds, the North Campus is peculiarly fitted to be the centre of the women's life in the College.

ACADEMIA, first used as a Commons for men, has in recent years been used as residential quarters for bachelor members of the faculty. In 1929 a portion of the first floor was converted into quarters for the day-student women, providing rest, study, locker, and shower rooms for their convenience. The balance of the first floor is used for practice purposes by Music students.

COLLEGE HALL, built in 1878, contains the recitation rooms and laboratories of the departments of Psychology, History, Chemistry and Biology.

NORTH HALL, built in 1880 and entirely remodeled in 1897, has been set apart as a freshman dormitory for men; all freshmen are required to live in this building the first year.

THE REID MEMORIAL CHAPEL was erected in 1899 by Mrs. Simon S. Reid and her family as a memorial to Mrs. Lily Reid Holt, '84, of Lake Forest, and is a fitting and attractive center for the religious life of the College. It is a Gothic

building of Bedford stone, crowned by a graceful tower. In the rear of the choir is a stained glass window by Louis Tiffany.

THE LIBRARY, built at the same time as the Chapel, was given by Mrs. Reid in memory of Arthur Somerville Reid, a former student of the College. It has a stack room housing 38,500 volumes, an attractive reading room for periodicals, a large, well-lighted general reading room, and detached rooms for special collections. The library is connected with the Chapel by a cloister.

THE GYMNASIUM, built in 1890, is a solid brown-stone building with a modern equipment in apparatus, running track, hot and cold baths, and a swimming pool.

BLACKSTONE AND HARLAN HALLS, dormitories for men built in 1906-7, are the gift of Mrs. Timothy B. Blackstone, of Chicago, and named in memory of Mr. Blackstone, late President of the Chicago & Alton Railway, and in honor of Richard D. Harlan, former President of Lake Forest University. These two dormitories are exact counterparts, built of brick in collegiate Gothic style, two stories in the main structure and three stories in the end towers, which are connected by a grill and gateway, forming an appropriate entrance to the campus.

THE CALVIN DURAND COMMONS, erected in 1907-8, is the gift of the late Calvin Durand. The dining hall, large enough to accommodate two hundred men, and the adjoining lounging room, are finished in oak paneling. The furnishings, designed by the architect of the building, were the gift of Mr. D. Mark Cummings, of Lake Forest.

CARNEGIE SCIENCE HALL, the gift of Mr. Andrew Carnegie, of New York, also built in 1907-8, makes complete provision for work in physics, mechanical drawing, and mathematics. It is a three-story brick building, similar in general style to Blackstone and Harlan Halls.

PATTERSON LODGE, formerly used as the house for the President, was redecorated and furnished in 1927 as residential quarters for women. The house is named in honor of Robert Patterson, the first president of the College.

STEAM HEATING PLANT. The original unit of this building was erected in 1917, the gift of generous friends of the College, with a full complement of boilers and conduits for steam and water to all buildings of the University. In 1930 a new unit was added at a cost of $60,000.00. This new unit provides for the most up-to-date equipment of boilers, and stokers. Provision has been made for the heating of new College buildings. With this system is connected an air-pressure system, supplying pure water from deep wells.

The president and a number of the professors are now provided with houses on the South Campus. Two of the latter are memorial buildings: one was erected in 1889 by the late William Bross for the Professor of Biblical Literature; the other in 1891 by the late Jacob Beidler for the Professor of Physical Sciences. In 1917 four brick buildings were erected and in 1927 four additional houses were completed so that a majority of the faculty live on the campus.

The three buildings on the North Campus were all given by Mr. and Mrs. Henry C. Durand.

LOIS DURAND HALL, a three-story brick building in Elizabethan style, is the women's dormitory. It was erected in 1898 by the late Henry C. Durand in memory of his mother, in whose honor it is named. It is furnished with every provision for the health, safety, and comfort of the students. It is presided over by the Dean of Women.

THE HENRY C. DURAND INSTITUTE, a brown-stone building, was erected by Mr. Durand in 1891. It contains the offices of the President, Registrar, Comptroller and Dean; the recitation rooms of the departments of Latin, Greek, Political Science, and Modern Languages; an alumni office, and a large assembly

hall, with a well-equipped stage, which is used for lectures, concerts, dramatics, and social functions.

THE ALICE HOME, the gift of the late Mrs. Henry C. Durand, was erected in 1898 as a hospital for the special use of the college and the two allied secondary schools, and as a memorial to her sister, Alice Bursdel Burhans. It is an attractive building in the Old English style, well located, with a sunny exposure. It is equipped with every home comfort and with the best modern appliances for the care of the sick. Capable physicians and trained nurses are in constant attendance. The charge to students for the use of the hospital is very moderate.

FARWELL FIELD, the College athletic field, is located seven minutes' walk from the campus, on a tract of seven acres, most of which was given for this purpose by the late Senator C. B. Farwell, one of the earliest friends and greatest benefactors of the College.

THE PRACTICE FIELD for ordinary athletic practice and informal games, and the women's hockey field are on the South Campus. The tennis courts for men adjoin the Gymnasium; those for women are on the North Campus, near Lois Durand Hall.

THE LIBRARY

The collection of books, now numbering 40,000 volumes, is located in the Arthur Somerville Reid Memorial Library. There is also a small but excellent collection of books on art, formerly belonging to the Lake Forest Art Institute, in the same building. It is open throughout the day, and in the evening as well while the College is in session, and at stated hours during vacations.

A large reading room in the center contains about one hundred of the current popular and scientific periodicals. The College students also have access to the excellent Lake Forest Public Library.

EXPENSES ADMISSION COURSES ENRO...

Special memorial funds for the purchase of books and periodicals have been given by Charles H. Quinlan and Eliza P. Matthews. The income of a fund established in memory of William H. McClure is used for the purchase and care of translations and editions of the Bible. Through the kindness of friends of the late Professor J. J. Halsey, his entire library, including a valuable collection of books on social sciences, has been presented to the College, and is known as the J. J. Halsey Memorial Library.

In 1930 the Carnegie Foundation granted the library an appropriation of $2,000.00 a year for the next five years for the purchase of additional volumes. Many reference books of value to undergraduate study will be obtained from this fund.

LABORATORIES

The Biological department occupies the second floor of College Hall. This space is divided into a lecture room, a large elementary laboratory, two advanced laboratories, a research laboratory, a departmental library, a work room, and a store room. The equipment includes 66 compound microscopes, 26 dissecting microscopes, 17 binocular microscopes (Greenough type), 3 research microscopes, an exceptional collection of microscope slides covering the various divisions of plant forms and the phyla of animal forms, a thoroughly equipped Balopticcon with 450 lantern slides, aquaria for fresh water animals, constant temperature ovens, microtomes, and a well chosen teaching collection of plants, animals, embryological materials, and skeletons. Most of the equipment is practically new, having been purchased during the past few years.

The Chemical Laboratory occupies nine separate rooms in College Hall. It is fully equipped with apparatus for carrying on work in inorganic and organic chemistry, qualitative and quantitative analysis. The chemical library, consisting of some six hundred volumes, in a room adjoining the quantitative laboratory, contains sets of the leading chemical journals, and an excellent assortment of general reference books in chemistry.

The department of Physics occupies an attractive building, the gift of Andrew Carnegie. Its ingenious and complete design is a tribute to Emeritus Professor of Physics, Frederick W. Stevens. The elementary laboratory is thoroughly equipped with apparatus for the beginning course and for the course in General Electrical Measurements. A large and complete demonstration lecture room makes it possible to enhance the lectures by physical demonstrations. Many smaller rooms are available for students engaged in work on special and advanced problems. Complete shops and mechanical drawing equipment are provided. Rooms are supplied with electricity varying from 1000 volts direct current to variable battery supply, and sufficient alternating current supply for all purposes, with gas, water, and compressed air. Equipment for the course in Aeronautics offered by student aviators is housed in the same building.

PHYSICAL TRAINING

Every encouragement is given to physical training, with due regard to the proper proportion of time to be given to the development of mind and body. There is a trained resident instructor for men in gymnastics and field athletics; similar training is provided for the women under the direction of a resident instructor. In addition to the regular work (see page 84) there is abundant opportunity for outdoor and indoor athletics. Football, baseball, basketball, tennis, hockey, track, and field athletics are regularly maintained under the management of the Athletic Association and the direction of the instructors.

RELIGIOUS CULTURE

It is the constant aim of the College to maintain a wholesome Christian atmosphere, as conducive to the development of the best manhood and womanhood, and of the highest and broadest

EXPENSES ADMISSION COURSES ENRO...

scholarship. No attempt is made, however, to impress upon the student any sectarian views.

As an important part of the curriculum, the English Bible is taught in a broadly Christian way.

On Monday, Wednesday, and Friday, at twelve o'clock, a brief service is conducted in Reid Chapel by the President or some member of the faculty. Occasionally a speaker qualified to discuss some subject of present importance is invited to deliver an address at this assembly. All students are required to attend this service. The students are made most welcome in the general church life of the community.

STUDENT LIFE

Lake Forest College has no system of disciplinary rules. There are two broad requirements: good scholarship and good conduct. Students who are unwilling to co-operate in the development of proper ideals for college work and college life will be invited to withdraw whenever the general welfare demands it, even though there be no specific breach of conduct calling for their suspension.

The women resident in the dormitories have adopted self-government, administered by the Executive President and the Executive Committee, representing the four classes. With the co-operation of the Dean of Women, they establish and enforce proper house rules in matters pertaining to the discipline and social life of the women.

In 1923 the College introduced the freshman dormitory system in the middle west. Since that date all first year men have been housed in North Hall which has been set aside exclusively for freshmen. The students live under the supervision of faculty proctors, governed by a head proctor, who confer with the students concerning their problems. Quiet is maintained during the evening and gentlemanly conduct is required at all times. Rules are determined and explained by the proctors at the

beginning of each year. Violations of these rules are referred to the Dean of Men. The success of the system has been clearly reflected in the unusual decrease in failures during the freshman year.

All Day Students, and sophomore, junior and senior Resident Students are required to obtain Permits to have automobiles on the campus from the President's Office. Resident Freshmen are prohibited the use of cars during the college year.

HONOR SOCIETIES

SIGMA ETA — The society of Sigma Eta was founded in the Spring of 1929 to promote, encourage, and recognize high attainment in scholarship. Each year the two Juniors having the highest record of scholarship during their college course are elected to membership. Additional Seniors are also elected not to exceed a maximum of ten per cent of the class. In both cases only students who have a certain high average grade are eligible. The insignia is a key with the college seal, and the letters, Sigma Eta upon it.

PHI ETA SIGMA — Phi Eta Sigma is a national Freshman Honor Society. Men who maintain a certain high average through the first semester of their freshman year, or who show the necessary average for the entire freshman year are eligible to membership. Initiation ceremonies are held twice a year. Each member is awarded a key.

PHI SIGMA IOTA — Phi Sigma Iota is a national Romance Language Honor Society. Students majoring in the Department of Romance Languages who maintain a high standard of scholastic excellence are elected to membership by the members of the Department. The aim is to promote interest in research and in the study of the Romance Languages.

SIGMA TAU DELTA — Sigma Tau Delta is a national honorary English fraternity. Its aim is to encourage creative writing in different fields and to stimulate reading and criticism.

Attendance at plays in Chicago and informal lectures by members of the faculty are included in its activities. The number is limited generally to twelve members of sophomore, junior, or senior standing. Membership is gained after original manuscripts have been submitted to the organization and have been judged on their literary merit.

Kappa Alpha is an honorary society to which women students are elected on the basis of their college achievements in scholarship, student activities, and co-operative spirit. This society aims to arouse interest among the young women of the college in all lines of constructive educational work and to uphold the highest ideals of college loyalty and personal culture.

The Iron Key is an honorary fraternity for junior and senior men, membership in which is determined by scholarship and participation in student activities.

STUDENT ORGANIZATIONS

All students, upon enrollment in the College, become members of the Student Association. The aim of this organization is, in general, to regulate student conduct, foster activities, and maintain traditions. It functions through its governing body, the Student Executive Committee, which is elected annually by the members of the Association.

This Committee consists of the officers of the Association: the president, vice-president, and secretary, who are seniors, two junior representatives and one sophomore representative. It is the duty of this committee to require all officers and all other committees to comply with the provisions of the constitution and by-laws and, when advisable, to bring all questions before the students. It also appoints all committees and supervises the election of class officers and officers of the Association.

DRAMATICS — An unusually active dramatic organization, The Garrick Players, offers excellent training in speech, acting, staging, and the producing of plays. The Players, through

their program of six plays presented each year, offer to the student interested in dramatics, whether it be in acting or producing, an excellent opportunity to do interesting work. The Garrick Players are closely connected with the Speech department of the College, both of which are under the direction of Russell C. Tomlinson. Speech 9-10, Stage Fundamentals, is open to all freshmen, and through the Garrick Players interested students have excellent opportunities to do practical work. The Players have an unusually well-equipped stage and several thousand dollars worth of scenic, laboratory, and electrical equipment.

Membership in The Players is granted when the student has successfully completed three requirements: (1) The year course in Stage Fundamentals, or in Interpretation, (2) participation in the cast and producing staffs of four plays, and (3) maintenance of grades of "C" or better, currently, in twelve hours of work.

Lake Forest students who are interested in dramatics are particularly fortunate in being located within forty-five minutes of Chicago's twenty-eight legitimate theaters. The opportunity of seeing the best plays is a decided asset to any student interested in the drama and the theater.

DEBATE AND ORATORY — Intercollegiate debating teams for men are organized each year under the supervision and coaching of the Department of Speech. Debates on subjects of timely and general interest are held with colleges in this region. Intramural contests in oratory for men and women are held each year.

ATHLETICS — A very thorough system of athletics under the direction of the Athletic Director makes it possible for every student to participate in some branch of this activity. In the department of Intercollegiate Athletics full schedules are played in six sports, i.e., football, basketball, track (indoor and outdoor), baseball, cross-country, and tennis. The schedules in

these six sports are made up of representative teams from the Little Nineteen Conference, Big Ten Conference, Midwest Conference, and the Wisconsin College Conference. Lake Forest is an active member of the Little Nineteen.

In the department of intra-mural athletics, firmly established leagues and tournaments are conducted in basketball, indoor baseball, track, tennis, and golf. Trophies are awarded each year in chapel to the organizations winning championships in these intra-mural activities.

The Athletic Board of Control deals with questions of intercollegiate athletic competition, and the Intra-Mural Athletic Committee deals with questions of intra-mural sports.

MUSICAL ORGANIZATIONS — The musical organizations at Lake Forest College are the College Chorus, the Chapel Choir, the Band and the Orchestra. For detailed information concerning these organizations see announcements under department of Music, page 82.

Y.W.C.A. — The Young Women's Christian Association, formed in 1895, holds its meetings in Lois Durand Hall, and serves as the usual medium for the charitable and altruistic work of the women.

PUBLICATIONS — The Stentor, a weekly college paper, founded in 1887, is published by a board of student editors. The Forester, an illustrated year book, is published by a board chosen from the student body. The student publications are conducted by the student boards under the supervision of a faculty *Committee on Publications* named by the President of the College. A system of competitive selection of members of the Stentor board is being introduced, and is contemplated for the Forester when practicable.

LITERARY AND MUSICAL ADVANTAGES

In addition to the opportunities offered by the student organizations and the regular chapel assembly, the students of Lake Forest College have unusual advantages in the way of hearing distinguished speakers and the best music. Leading representatives of business, professional, philanthropic, and literary occupations give addresses at the Reid Memorial Chapel from time to time, and the Bross Lectures bring to the College at intervals some of the leading scholars of the world.

DORMITORIES AND COMMONS

The dormitories are heated by steam, and are furnished by the College authorities with the following articles: bed, spring, mattress and pillow, chest of drawers, study-table, and two chairs. Blackstone, Harlan, College, Lois Durand, and North Halls have modern electric lighting. Bed linen, towels, curtains, rugs, and any other conveniences and adornments not mentioned above, must be furnished by the occupants of the rooms.

A deposit of twenty-five dollars (not refundable) is required with the application for a room in all dormitories. This amount is credited on the first semester bill. Students wishing to change their rooms are required to arrange the matter at the President's office.

Board is furnished for men at the Calvin Durand Commons. The men who occupy rooms on the campus are required to board at the Commons, unless excused by the President.

The women take their meals in the dining room of Lois Durand Hall.

Students desiring to entertain guests must obtain permission; the women from the Dean of Women, the men from the business office of the College.

EXPENSES

Tuition.....*per semester* $137.50

Effective in September, 1931, the tuition each semester for new students will be $137.50, but for old students the charge during the remainder of their attendance at the College will continue as of 1930-31.

Students taking more than the normal 15 hours of work per semester are required to pay $5.00 per hour per semester for each additional hour taken.

Matriculation Fee**		5.00
Athletic Fee*	*per year*	10.00
Library Fee*	*per year*	6.00
Activities Fee*	*per year*	12.00
Alumni Fee**		15.00
House Dues for Resident Women**	*per year*	1.00

DEPARTMENT FEES

Laboratory Fee — Physics, Chemistry, Biology	*per semester*	$10.00
Play Production Laboratory Fee	*per semester*	10.00

Voice, Violin, Piano, and Organ Fees according to amount of work taken.

BOARD AND ROOM

For Women

Board and Room in dormitories *per semester* from $225.00 to $287.50
Charge for laundry according to number of pieces.

For Men

Board at Durand Commons	*per semester*	$126.00
Room	*per semester*	$55.00 to $ 72.00

Special students taking part-time work are subject to the following charges for tuition:

3 hours, both semesters, $50.00.

4 hours, both semesters, $65.00, and $15.00 for each additional hour up to and including 13. Any one who carries 14 hours is enrolled as a regular student and is subject to the full charge for tuition.

The minimum yearly charge for part-time work is $50.00.

A fee of $3.00 will be charged for Special Examination.

COLLEGE BILLS

The regular college bills are due at the opening of each semester, and must be paid within two weeks, unless within that time a satisfactory arrangement is made with the Comptroller for later settlement. Students who fail to comply with this requirement incur an additional charge of five dollars.

* Payable at start of first semester.
** Payable once, upon entrance.

Pending settlement they will be excluded from classes, and absence thus incurred will be counted as unexcused.

N. B. To all new students entering Lake Forest College: The College bill is due and payable upon entrance, unless prior arrangement has been made with the Comptroller to have the bill sent home, in which case $200.00 is due at entrance.

H. M. MOORE, President.

REFUNDS

1. It is understood that rooms are engaged for the semester. No rebate of room rent will be made.
2. Refund for unused board will be made for students leaving for any cause, less fifty per cent for overhead expenses.
3. Refund for tuition will not be made, except in case of illness, when a proportionate charge will be made which is not to be less than one-half of the semester's tuition.

No degrees are conferred upon students who have not paid their dues to the College.

SCHOLARSHIP AND LOAN FUNDS

THE PEARSON LOAN FUND

In 1899 the late Dr. D. K. Pearson of Chicago gave to the Trustees of Lake Forest University some property in Chicago valued at $100,000, from which half the income was to be used for the purpose of lending money to promising students needing assistance. These loans are subject to the following rules:

1. All applications for money must be endorsed by the President and by the committee of trustees.
2. No loan will be made during the first semester of a student's attendance.
3. A note, bearing 3% interest until five years out of college, must be signed by the student, and endorsed by parent or guardian.
4. Interest on the amount due after maturity shall be at 6%.

ADMISSION
COURSES

The Samuel M. Wood Scholarship, given by bequest of S. M. Wood of Omro, Wis., 1882 1,500
The Israel C. Holmes Scholarship, given by the Rev. Mead Holmes of Rockford, Ill., 1883 500
The John Converse Prize Scholarship, given by Mr. John H. Converse of Philadelphia, 1905 1,500
The Eliza O. Lind Scholarship, by bequest of Mrs. Sylvester Lind of Chicago, 1906 4,000

$15,500.00

The income of the John H. Converse Scholarship Fund is awarded as a special prize scholarship to the student who has received the highest average grade among the men preparing for the Christian ministry.

III. From funds given in the name of the Lake Forest Presbyterian Church to found scholarships, the incumbents to be appointed by the Session of the Church, or by the Scholarship Committee in the absence of action by the Session.

The Sylvester Lind Memorial Scholarship $1,000
The Mary Whitney Chapin Memorial Scholarship 1,000
The Washington A. Nichols Memorial Scholarship 1,000

$3,000

Total Permanent Scholarship Funds, $46,725.00.

IV. One scholarship of $50 given annually by the General Education Board of the Presbyterian Church to a meritorious student who is a Presbyterian.

V. Three alumni scholarships, contributed by the Alumni Association, each amounting to at least forty dollars.

VI. The trustees of the La Verne Noyes estate have given to Lake Forest College fifteen scholarships amounting to full tuition. These scholarships are governed by the following rules:

1. Applicant shall have served in the army or navy of the United States of America in the war into which our country entered on the 6th day of April, 1917, and have been honorably discharged from such service,

or

2. Should be descended by blood from someone who has served in the army or navy of the United States in said war who either is still in said service or whose said service in the army or navy was terminated by death or an honorable discharge.

VII. The Henry Strong Educational Fund has given to Lake Forest College, annually, a sum of four hundred dollars to be awarded to worthy students.

HONORS

SHIELD HONORS

The names of the four students in each graduating class who rank highest in general scholarship are inscribed upon an engraved shield, which is affixed to the walls of the library. This practice began with the class of 1910.

COMMENCEMENT HONORS

At each commencement Department Honors are awarded to members of the graduating class who have won high distinction in major work in one or more departments of study.

LAKE FOREST GRADUATE SCHOLARSHIPS AT THE UNIVERSITY OF ILLINOIS

The University of Illinois offers each year to the College a graduate scholarship of $350, with remittance of fees, for some member of the senior class to be nominated by the faculty. The chief conditions of the award are good scholarship, a degree of special preparation for work in some department of study, and promise.

PRIZES

THE McPHERSON PRIZES

The sum of three thousand dollars was contributed in 1889 by friends of the Rev. Dr. Simon J. McPherson to found the following prizes to be named in his honor:

5. Annual repayment must be made beginning with the year after leaving college, these annual repayments to be not less than 25% of the amount borrowed while in college.
6. The amount of loan is payable before transfer can be made to another college.

SCHOLARSHIPS

The following rules govern the assignment of scholarships: annually in the form of scholarships among students who need pecuniary aid, and who meet the requirements of good scholarship, high personal character, exemplary conduct and habits of economy in the use of both time and money.

Every holder of an ordinary scholarship is asked to repay, if possible, at some future time, the amount of the scholarship for the benefit of future students.

The following rules govern the assignment of scholarships:

1. Application must be made to the President on blank form provided for the purpose. In the case of new students these applications should be filed as early as possible accompanied by the testimonials indicated by the forms.
2. Students already holding scholarships must renew their applications for the succeeding year on or before June 1 of each year. Awards will be made in June.
3. The retention of a scholarship is conditional upon the maintenance of a satisfactory scholastic record.
4. Scholarships are granted only to those who purpose to complete their course of study at Lake Forest. If transfer to another institution is sought, a student who has received this aid is required to return promptly the amount granted.

The income applicable to scholarships is derived as follows:

I. From funds given to establish general scholarships as follows:

The Lemuel Brooks Scholarship, given by the Rev. Lemuel Brooks of Churchville, New York, 1883	$5,000
The William Bross Scholarship, given by the Hon. William Bross of Chicago, 1883	1,500
The John Beidler Scholarship, given by Jacob Beidler of Chicago, 1882	500
The Lila Frances Ross Scholarship, given by Tuttle King of Chicago, 1882	500
The Juneau Church Scholarship, given by the Presbyterian Church of Juneau, Wis., 1883	125
The Depere Church Scholarship given by the Presbyterian Church of Depere, Wis., 1883	100
The Corwin Scholarship, given by the Rev. Eli Corwin, D.D., of Chicago, 1889	1,000
The Helen A. Ferry Scholarship, given by Helen A. Ferry of Lake Forest, 1880 (awarded preferably to a young woman)	1,000
The Reid Scholarship, given by Mrs. Simon S. Reid of Lake Forest, 1891	2,500
The E. A. Allen Scholarship, by bequest of E. A. Allen, Arlington Heights, Ill., 1891	1,500
The H. B. Stillman Scholarship, 1906, through the College Board of the Presbyterian Church	1,000
The Robert W. Roloson Scholarship, given by Mr. Robert W. Roloson of Chicago, 1909	2,000
The Rufus N. Sage Scholarship, by bequest of Mrs. Ellen Sage of Chicago, 1911	6,000
The Arthur Dana Wheeler Memorial Scholarship, given by Mrs. Wheeler, Miss Ellen Holt and Messrs. Charles S., George H. and William Arthur Holt, 1916	2,500
The John J. Halsey Scholarship, given by a friend, 1924	1,000
The Lewis Stuart Scholarship, given by a friend, 1924	1,000
	$27,225.00
The Samuel Insull Scholarship, for students of Libertyville, Waukegan, and Gurnee High Schools, each year	1,500

II. From funds given to establish scholarships in aid of students preparing for the Christian ministry as follows:

The Jacob Beidler Scholarship, given by Jacob Beidler of Chicago, 1889	$5,000
The Lemuel Brooks Scholarship, 1880	1,500
The Mrs. Maria Brooks Scholarship, given by the Rev. L. Brooks of Churchill, N. Y., 1881	1,500

ADMISSION
COURSES

1. PRIZE IN GREEK

A prize of twenty-five dollars will be given annually for general excellence in the work of the second year in college Greek — the study of the Greek drama. The award of the prize will depend, in part, upon the result of an examination.

2. PRIZE IN ENGLISH

A prize of twenty-five dollars will be given annually. The conditions will vary from year to year in accordance with notice given in due time.

3. PRIZE IN PHILOSOPHY

The prize in Philosophy is similar to the prize in English.

4. PRIZES IN DECLAMATION

A prize exhibition in declamation and oratory is held on the last Friday in May. Representatives of the freshman class compete in a program of declamation; members of the three other classes present original orations. A prize of twenty-five dollars is awarded in each competition.

THE BROSS FOUNDATION

This was established in 1879 by the late William Bross, of Chicago, Lieutenant-Governor of Illinois in 1866-1870, in memory of his son Nathaniel, who had died in 1856. The sum of forty thousand dollars which it entailed accumulates in perpetuity for ten years, the decennial accumulation being used in the following ten years for the purpose of stimulating the production of the best books or treatises "on the connection, relation and mutual bearing of any practical science, the history of our race, or the facts in any department of knowledge, with and upon the Christian Religion."

The Foundation therefore provides the Bross Prize, awarded to the author of the best book on any of these topics, and arranges in Lake Forest at intervals the Bross Lectures. These

have brought to the campus many distinguished men in lay and clerical circles.

THE ALUMNI

THE GENERAL ASSOCIATION

The General Association includes all graduates and former students in good standing. The alumni are becoming more active in shaping the policies of the College, and are now numerously represented on the Board of Trustees.

The annual meeting and banquet of the alumni are held in Lake Forest during commencement. During the academic year the activities of the Association are directed by the Advisory Council, which consists of twenty representative alumni.

As an outgrowth of the increased responsibility of the alumni in the affairs of the College, and the work in connection with raising the Alumni Loyalty Fund in 1920-21, the Lake Forest Alumni Fund Association was organized and incorporated under the laws of Illinois. Its objects are to foster and promote education, and to gather and disburse moneys in the interest of Lake Forest College, but without profit to its members. All alumni who contribute to the fund are members of the Alumni Fund Association.

The Alumni General Association has always assumed the immediate expense of keeping former students informed about the College, by means of bulletins, letters, and other publications. The object of the Alumni Fee, which is paid once by each new student, is to meet part of this expense and to interest the undergraduate in his future responsibility as an alumnus.

ADMINISTRATION *of* THE CURRICULUM

ADMISSION

STUDENTS coming from high schools and academies accredited by the North Central Association of Colleges and Secondary Schools, are admitted to Lake Forest College without examination, on certificate of scholarship and good character, insofar as they meet the entrance requirements specified below. The same privilege is generally extended to the graduates of schools on the accredited lists of other institutions having similar entrance requirements. Students from other colleges must present official certificates of honorable dismissal. Students from accredited schools may be examined in any or all entrance requirements.

All applicants for admission to the College, either to the freshman class or to advanced standing, will be furnished with blank forms of application. These forms are to be filled out by the proper persons, as indicated on the forms, and should be returned promptly. Entering students should reach Lake Forest not later than the morning before College opens; they should report to the Entrance Committee in the rotunda of the Durand Institute. (See page 8, "Registration Days.") All inquiries as to requirements for entrance should be addressed to the Chairman of the Entrance Committee, Lake Forest College, Lake Forest, Illinois.

ENTRANCE REQUIREMENTS

The admission requirements are based upon four years of secondary work, with four daily recitations. A daily recitation throughout the year is used as a convenient unit of measure;

hence in the four years of secondary school work there are ordinarily sixteen units.

For admission without condition fifteen units are required, nine of which are specified and six elective, as indicated in the following list:

I. Specified Units

*One Foreign Language	2
English	3
History	1
Mathematics (Algebra and Geometry)	2
Laboratory Science	1
Total	9

II. Major Electives

A total of two units in subjects listed under I above, making eleven units in all from that group.

III. Minor Electives

Any four units accepted for graduation in a four-year accredited high school.

CONDITIONAL ADMISSION

Every applicant must present fifteen high school units for entrance. If an applicant is deficient in the number of units called for in Groups I and II to the extent of one unit (two units in foreign language) he is required to make up this deficiency in the freshman year. This statement applies only to those applicants who upon graduation ranked in the upper half of their class.

The admission of applicants who upon graduation ranked

*It is recommended that the two required language units be in Latin, and that in Mathematics there shall be a further half-year in Algebra and a half-year in Solid Geometry. These two and Trigonometry are major electives. Commercial Arithmetic and similar subjects may be minor electives.

in the lower half of their class will be determined by the results of an intelligence test, analysis of high school record, and character references. Such students when permitted to enter will be required to make up their deficiency as indicated above.

ADVANCED STANDING

Applicants for advanced standing from other institutions should present to the Entrance Committee a complete official statement of both the preparatory and advanced work for which they claim credit, and a letter of honorable dismissal from the institution last attended. On the basis of these statements applicants will be given provisional standing by the Entrance Committee if the regular entrance requirements have been satisfied. Students from other institutions which have the same or equivalent courses of study will be given advanced credit for the work if their work is satisfactory; the amount of this credit will be determined, before the close of the first semester, by the Committee on Advanced Standing, acting with the advice of the department concerned. In all cases, students transferring from other institutions must comply with the specific requirements of Lake Forest College for the degree desired.

UNCLASSIFIED STUDENTS

Mature students of Lake Forest and vicinity who desire to attend certain college classes may do so on permission of the Committee of Class Officers and on payment of a stipulated fee. (See page 30.)

REGISTRATION

On the appointed registration day, at the beginning of each semester (See Calendar, Page 8) all students are required to register and make their choice of studies for the semester, reporting such choice to the Registrar by the end of the second registration day. All new students must be admitted by the Entrance Committee before proceeding with their registration.

Students registering as freshmen or unclassified students must have their schedules approved by the Freshman Advisory Committee. Sophomores, juniors, and seniors register with their class advisers. (See page 16.) All sophomores, juniors, and seniors are advised to consult with their major officers when making out their schedules. All students in the Department of Business Administration register with the dean of that department. There is no charge for registration if it is completed on the registration days. Otherwise a fee of three dollars will be charged.

A fine of $5.00 will be imposed upon each old student failing to register upon the registration day set apart at the beginning of the second semester.

The registration offices are in the Henry C. Durand Institute.

EXTRA HOURS

The normal registration is 15 hours, distributed over six days a week. Students registering for more than 18 hours must have made an average grade of B in the work of the previous semester. Only unclassified students shall be allowed to register for fewer than 14 hours.

An additional fee of $5.00 is charged for each additional hour over 15.

EIGHT HOUR RULE

Regular students who, as shown by the second monthly report of a semester, are passing in fewer than eight hours of their work are dropped from the rolls. Such students will be reinstated on recommendation of the Dean and will be considered as on probation for the remainder of the semester.

If a student shall fail to pass in 8 hours of work, in any semester (exclusive of physical training), he shall be required to leave the campus within five days and shall be suspended for

one semester, except that for first year students taking less than 15 hours the minimum for the first semester shall be 7 hours credit.

The above does not apply to unclassified students who have received faculty permission to carry less than 8 hours.

REGULATIONS

ABSENCES

A. *Reporting of Absences.* The student is expected to enroll himself in the first meeting of each course he is to pursue. Absences will be counted from the first exercise whether the student has enrolled or not, unless exception is made by the Dean.

B. *Absences Before and After Holidays.* Students absent from the last class meeting or laboratory exercise in any course preceding a recess or holiday or from the first class meeting or laboratory exercise in any course following a recess or holiday shall pay a fine of two dollars ($2.00) in each course in which such absence shall occur.

C. *Excused Absences.* Absences shall be excused only when arranged for by college authorities, or in case of sickness covered by physician's certificate, or incapacity, or personal or family misfortune of such a nature as to necessitate the presence of the student elsewhere. In any such case the excuse must be submitted within 3 academic days after return to classes. Men's excuses are submitted to the Dean of Men; women's excuses to the Dean of Women.

D. *Uniform Cut System.* The number of unexcused absences in any one course must not exceed the number of credit hours given. Thus, three unexcused absences is the maximum allowable in a three-hour course, and two in a two-hour course. Students who exceed the maximum may be dropped from the course by

the professor, subject to the approval of the President and the Dean.

CHANGE OF REGISTRATION

It is expected that after the opening of the semester, changes in registration shall be made only for urgent reasons. Within two weeks after the opening of the semester, changes may be made, by the use of cards furnished by the Registrar, with the consent of the class advisers and the instructors. Later changes must have the sanction of the instructors concerned, the class advisers, and the Dean. A fee of $2.00 is charged for any changes made after Saturday of the second week, unless ordered by the faculty. In general, a student will not be permitted to enter a course after one month of the semester has passed.

REPORTS OF STANDING

Reports of standing are made at the close of each semester, and sent to the students and to their parents or guardians.

GRADES

Students' grades are recorded in letters. A signifies a very high grade, B a good grade, C a fair grade, and D a merely passing grade. I is given when a student has not completed the required work of a course. It can be replaced by any grade, if the work is completed within one academic month after the end of the semester. Otherwise it automatically becomes X. X indicates a condition and may be removed by re-examination within one year. It cannot be raised to a grade higher than D. Unless removed, it automatically becomes E. E indicates failure in which case credit can be gained only by repeating the work of the course. An E is given for withdrawal from course without permission. W is given when a student doing passing work withdraws from a course with the approval of the Dean and the instructor of the course.

The students' grades are recorded in record books which contain a complete account of the courses presented for entrance as well as the grades received while in the College. These books are given to the students at registration and are called for by the Registrar before the end of each semester in order that the record may be complete. These record books cannot be regarded as an official transcript of work done in the College.

PARTICIPATION IN STUDENT ACTIVITIES

In order to be eligible for participation in any student activity, a student must have passed in at least 12 hours of academic work for the last semester in attendance at Lake Forest College or any other accredited college or university. The above rule shall apply to all students except those who are beginning college work for the first time; for such students the eligibility requirement of 12 hours shall become operative at the close of the first two months of the semester, but this is not to be construed as limiting in any way the disciplinary power of the faculty to deal with special cases of deficient scholarship during the first two months. Students ineligible because of conditions may regain eligibility by a removal of the conditions on the day or days scheduled for condition examinations. The names of all students participating in any student activity shall be reported to the Dean or the faculty adviser connected therewith. The administration of this rule is in the hands of the Dean.

In addition to the above general eligibility for participation the following specific rules have been enacted by the faculty:

Members of a varsity or freshman squad shall not compete on any other teams in the same sport except during college vacations. Violation of the rule will subject the player to such penalties as the Faculty Committee on Athletics shall deem proper.

Any student not passing in 12 semester hours during the previous month shall be ineligible for competition in freshmen athletics. The date for determining eligibility shall be two days after the monthly grades are due.

Any student not passing in 12 semester hours during the previous month shall be ineligible for competition in intramural sports. The date for determining eligibility shall be two days after the monthly grades are due.

Organized athletic groups, such as fraternity teams, must obtain permission of the Faculty Committee on Athletics before games with an outside team.

CLASSIFICATION OF STUDENTS

Seniors must have entrance clear and 89 semester hours or more.

Juniors must have entrance clear and 59 to 88 semester hours.

Sophomores must have entrance clear and 27 to 58 semester hours.

Freshmen must have under 27 semester hours.

(In this classification, credit for physical education is not included.)

The classification is always based on the total number of hours, and no account is taken of specific deficiencies. No student shall receive a given classification unless he has satisfied the pertinent requirements without condition.

CHAPEL

1. Chapel attendance is required of all students, and counts 2 credits per semester.

2. If a student has more than six unexcused absences from chapel in a semester, he receives but one credit; while if his unexcused absences exceed nine, he receives no credit.

3. Chapel credits lost must be made up by an equal number of credit hours. Thus a student at the end of senior year with 16 chapel credits, needs 120 hours to graduate; while one with but 14 chapel credits must have 122 hours to graduate.

REQUIREMENTS *for* GRADUATION

General Rules

THE College course, extending through four years, is divided into eight semesters, two for each academic year. The unit of work, or "semester hour," is one recitation period a week for one semester, two hours of laboratory work being the equivalent of a single recitation period. One hundred and twenty semester hours in the studies of the curriculum are required for graduation. The required work in physical education must be added to this total.* Students who select courses announced to extend through two semesters will not receive credit for one semester's work in such courses without the consent of the instructor.

Students electing any laboratory science, or history, who have had only one year's work therein in high school, will in general be expected to enter the first year college course in that subject and will receive regular college credit. College credit shall not be given for preparatory work in excess of entrance requirements unless the student passes an examination given by the committee of the faculty appointed for that purpose.

Requirements for the Degree of Bachelor of Arts

To secure the degree of Bachelor of Arts, the student is required to complete a course of study consisting of (1) certain prescribed courses, (2) a specified number of hours in a major subject, (3) enough electives to bring his work up to the total requirement of 120 hours, making an average of 15 hours a

* See page 84.

week throughout the four years. The specific requirements in each department are described below, and following this there is an outline of a typical four-year course with the requirements and suggested courses arranged by years. No student is eligible for a degree who has not been in residence at Lake Forest College for one year, and that year the senior year.

Students must secure for graduation as many credit points as there are credit hours required for graduation (exclusive of physical education). Three credit points are given for each semester hour of "A" grade; two for each semester hour of "B" grade; and one for each semester hour of "C" grade. In the case of students entering by transfer from other colleges the credit point requirement will apply to all work taken at Lake Forest College, but not to transferred credits. The credit point requirements must be satisfied in respect to all work taken after September, 1923.

I. REQUIRED SUBJECTS

Biblical Literature — Six hours.

Economics, History, or Political Science — Six hours in each of two of these subjects, to be completed by the end of the junior year.

English — English 1-2; freshman year, six hours. In addition four hours selected from the literature courses.

Foreign Languages — Twelve hours in foreign languages, to be completed by the end of the sophomore year.

Mathematics — Six hours.

Philosophy, Psychology, or Education — Six hours.

Physical Education — Freshman and sophomore men are required to take 2 hours a week. Freshman and sophomore women are required to take 3 hours a week, and junior women, 2 hours a week. One hour of college credit is given for the course in Hygiene required of freshman women. (See page 84.)

Science — Eight hours in Biology, Chemistry, or Physics, to be completed by the end of the sophomore year.

COURSES

II. RESTRICTED COURSES

One hour will be deducted from the credit of any Junior or Senior taking the following courses:

Biology 1-2
Chemistry 1-2
Economics A-B
English 1-2
French 1-2
German 1-2
Latin 1-2 and 3-4
Mathematics A and 1-2
Physics 1-2
Religion 1-2
Spanish 1-2
Speech 1-2

One hour will be deducted from the credit of any Senior taking the following courses:

Astronomy 1
Economics 1-2 and 3-4
Education 1 and 2
English 5-6 and 7-8
French 3-4 and 5-6
History 5-6
German 3-4
Political Science 1-2
Psychology 1-2
Mathematics 5
Spanish 3-4 and 5-6
Speech 9-10

III. SUGGESTED SCHEDULE OF COURSES

FRESHMAN YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
English 1	3	English 2	3
Foreign Language	3	Foreign Language	3
Mathematics A or 1	3	Mathematics 1 or 2	3
Physical Education (See above)		Physical Education (See above)	
Science	4	Science	4
Electives	3	Electives	3
	16		16

SOPHOMORE YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Biblical Literature	3	Biblical Literature	3
Economics, History, or Political Science	6	Economics, History, or Political Science	6
English	2	English	2
Physical Education (See above)		Physical Education (See above)	
Electives	4	Electives	4
	15		15

JUNIOR YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Philosophy, Psychology, or Education	3	Philosophy, Psychology, or Education	3
Physical Education (See above)		Physical Education (See above)	
Electives	12	Electives	12
	15		15

SENIOR YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Electives	15	Electives	15
	15		15

MAJOR REQUIREMENTS

Candidates for the degree of Bachelor of Arts are required to choose a major subject, if possible at the beginning of the sophomore year, and in any case not later than the beginning of the junior year. The major requirement consists of 36 semester hours, distributed as follows: (1) Not less than 24 semester hours must be taken in the major department. (2) Enough additional hours to make up a total of 36 must be elected in work complementary to the major subject. A thesis may be substituted for a portion of the last year's work in a major subject; it must be handed in four weeks before Commencement unless other arrangements are made with the professor in charge. The professor in charge of the major subject will act as the student's adviser, and, together with the Dean and class officer, will supervise the administration of this rule.

Any one of the following may be selected as a major subject: (1) Biblical Literature; (2) Biology; (3) Chemistry; (4) Economics; (5) Education; (6) English; (7) French; (8) Greek and Latin; (9) History; (10) Mathematics; (11) Modern Languages; (12) Music; (13) Philosophy; (14)

Physics; (15) Political Science; (16) Psychology; (17) Romance Languages; (18) Spanish; (19) Speech.

PREPARATION FOR PROFESSIONAL AND TECHNICAL STUDY

The major system combines the breadth that is essential to a liberal education with the possibility of special preparation for the student's future vocation. The following suggestions may serve as a guide to students who have a definite calling in view, in the choice of the studies to be selected if they do not look forward to the completion of the college course.

The tendency of the best professional and technical schools is to become graduate schools, based upon a four years' college course, a standard already set by the strongest professional schools in the East.

It is generally recognized that the subjects which are preparatory to the more special courses in vocational schools are taught far more effectively in the college than in these schools.

ENGINEERING

The student contemplating engineering will find it greatly to his advantage to take at least two years of college work in anticipation of his technical courses. Thorough courses in physics, chemistry, mathematics, English, and modern languages, which are common to all courses in engineering, enable the student to prepare himself for the special technical course while availing himself of the opportunity for work in subjects not directly pertinent to engineering but very pertinent to modern life. A course embodying the fundamental subjects required during the freshman and sophomore years in the technical schools is as follows:

Freshman Year		Sophomore Year	
Chemistry 1-2	8 hours	English 7-8	4 hours
English 1-2	6 hours	Mathematics 5-6	6 hours
Mathematics 1-2	6 hours	Mathematics 7-8	6 hours
Modern Language 1-2	6 hours	Physics 1-2	8 hours
Elective	6 hours	Modern Language	6 hours

LAW

The law schools vary widely in their admission requirements. The tendency at present is toward the requirement of two years of college work, and in a few of the strongest law schools the full four years' college course is required. The most important college subjects for students preparing for law are English (especially oral and written composition), Latin, Mathematics, History, Political Science and Economics, and Psychology. The following schedule is suggested for the first two years:

Political Science, Economics, or History should be the major subject.

First Year		Second Year	
English 1-2	6 hours	Economics 1-2	6 hours
Mathematics 1-2	6 hours	English 5-6 or 7-8	4 hours
Laboratory Science	8 hours	Latin 5-6	6 hours
Latin A-B or 1-2	10 hours	History 1-2 or 3-4	6 hours
		Political Science 1-2	6 hours
		Psychology 1-2	6 hours

MEDICINE

Although they do not require it, the better medical schools now strongly recommend a full college course for entrance, with emphasis placed upon training in the sciences. In order that students preparing for medicine at Lake Forest College may best fit themselves for the courses offered in the different medical schools and at the same time fulfill all the graduation requirements of this college, the following four year course is recommended:

First Year		Second Year	
English 1-2	6 hours	English Literature (2 courses)	4 hours
Modern Language 1-2	6 hours	Modern Language (2 advanced courses)	6 hours
Mathematics 1-2	6 hours	Chemistry 3-4	8 hours
Chemistry 1-2	8 hours	Physics 1-2	8 hours
Biology 1-2	8 hours	History (2 courses)	6 hours

Third Year		Fourth Year	
Chemistry 5-6	8 hours	Chemistry 11-12	6 hours
Biology 19 and 20	9 hours	Biology 19 and 20	9 hours
or		or	
Biology 7 and 24	6 hours	Biology 7 and 24	6 hours
Psychology 1-2	6 hours	Economics 1-2	6 hours
Biblical Literature	6 hours	Electives	9 or 12 hours
Elective	2 or 5 hours		

In case the student is compelled to shorten his pre-medical course he should consult with the Professor of Biology before planning his courses.

MINISTRY

The best divinity schools in the country are all on the graduate basis, requiring for admission the completion of the college course or its equivalent. The college work for students preparing for the Christian ministry should include courses in Greek and Latin, Biblical literature, English language and literature, Political and Social Science, and History. The following schedule is suggested for the first two years:

First Year		Second Year	
English 1-2	6 hours	English 7-8	4 hours
Greek 1-2	10 hours	History 1-2	6 hours
Mathematics 1-2	6 hours	Biblical Literature 3-4	6 hours
Economics A-B	6 hours	Psychology 1-2	6 hours
Biblical Literature 1-2	6 hours	Sociology 1	3 hours
		Biology 1-2	8 hours

DEPARTMENT OF BUSINESS ADMINISTRATION

The purpose of this department is to prepare men and women for ultimate leadership in business, political life, and social service. Prerequisite to such leadership is the ability to qualify as well-trained in some specific field of income-yielding endeavor. Each student, therefore, is given the broadest possible basis of cultural education, with an effective specialization in some subject of his choice, in which there is demand for trained workers in the practical field.

Students who intend to go on to post graduate work in Economics after receiving the Bachelor's degree, should merely register for a major in Economics, as outlined on page 48.

Students desiring a commercial course, or preparing definitely for professional life in Accountancy, Banking, Industrial Arbitration, Insurance, Labor or Production Management, or Sales Management, should begin specialization at once in accordance with the schedule below.

Upon completion of this schedule comprising 120 credit hours, the degree of Bachelor of Arts in Business Administration will be conferred.

It will be noted that this schedule is so arranged that the student may, at any time previous to the junior year, transfer to any other field without loss of credits or standing.

ECONOMICS, COMMERCE, AND MANAGEMENT

FRESHMAN YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
English Composition	3	English Composition	3
Algebra	3	Trigonometry	3
Language	3	Language	3
Accounting	3	Accounting	3
Economics A	3	Economics B	3
	15		15

SOPHOMORE YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
American Government	3	American Government	3
Language	3	Language	3
Laboratory Science	4	Laboratory Science	4
English 5 or 7	2	English 6 or 8	2
Economics 1	3	Economics 2	3
	15		15

mentary to the major in Biology, provided that eight credit hours are in one of those departments.

Students primarily interested in removing the graduation requirements should take Biology 1-2 or 1-4. Pre-medical students should take courses 1-2, 19, and 20 as a minimum. Further information concerning a suggested pre-medical course will be found on page 51. Prospective teachers of Biology should take courses 1-27 inclusive.

Entrance to courses 10 to 31 inclusive is conditional upon the grade of work done in previous biological courses.

1-2. GENERAL BIOLOGY — A study of the general principles of living matter. During first semester emphasis is placed upon plant biology; second semester upon animal biology. The purpose of the course is to train the student in observation, and in the use of scientific methods, and also to furnish him with the important facts concerning plant and animal life. In the laboratory first-hand information is obtained from experiments and observation upon living animals, as well as from dissection. Field work is done in the spring. *Four hours credit, two semesters; lectures two hours, laboratory four hours weekly.* Professor Lineburg.

4. BOTANY — An introduction to the principles of plant life, based upon a study of the structures and functions of selected plants. Lectures, recitations, and laboratory work. Prerequisite: Biology 1. Given in 1930-31 and alternate years. *Four hours credit, second semester; lectures three hours, laboratory four hours weekly.* Professor Lineburg.

5-6. BIOLOGY IN HUMAN AFFAIRS — A course designed to give the student a conception of the fundamental facts and theories of biological science. A lecture and reading course emphasizing the phase of the subject of greatest importance in connection with human problems. Not open to freshmen. Two hours credit, two semesters; Professor Lineburg.

19. COMPARATIVE ANATOMY — A comparative study of the anatomy of representatives of the various classes of vertebrates. Lectures and laboratory work. Prerequisite: Biology 1-2. *Five hours credit, first semester; lectures three hours, laboratory four hours weekly.* Mrs. Smith.

20. HUMAN ANATOMY AND PHYSIOLOGY — An introductory study of the phenomena exhibited by living matter, and their interpretation from a physico-chemical standpoint. The general physiology of muscle and nerve, digestive tract, the circulatory system, the co-ordinate activities of the nervous system and the sense organs (including reflexes and tropisms) are the chief topics considered. Lectures and text book. Prerequisite: Biology 1-2. Given in 1931-32 and alternate years. *Three hours credit, second semester.* Professor Lineburg.

21. HISTOLOGY — A lecture and laboratory course including the preparation and miscroscopic study of the various tissues that compose the body. The laboratory work consists of the preparation of slides, including fixing, imbedding, sectioning, staining, and the study of the materials prepared. Prerequisite: Biology 1-2 or 1-14. *Five hours credit, first semester; lectures three hours, laboratory four hours weekly.* Mrs. Smith.

24. EMBRYOLOGY — An introduction to the study of maturation, fertilization, cleavage, appearance of the embryo, and formation of organs. The work includes lectures, recitations, study of prepared slides, and instruction in embryological technique. Prerequisite: Biology 1-2. *Five hours credit, second semester; lectures three hours, laboratory four hours weekly.* Mrs. Smith.

27. EVOLUTION, GENETICS AND EUGENICS — A lecture and seminar course dealing with the facts of evolution and genetics with a consideration of the more important theories which attempt to explain those facts. Prerequisite: Biology 1-2 or 1-4. Given in 1929-30 and alternate years. Professor Lineburg. *First semester, three hours credit.*

31. MARINE ZOOLOGY — Summer work at the Marine Laboratory, Woods Hole, Mass. Five to twelve credit hours depending upon the amount and quality of the work.

35-36. BIOLOGICAL PROBLEMS — Special topics for investigation in the field, laboratory, or library may be assigned to advanced students. *Credit hours to be arranged.* Professor Lineburg.

CHEMISTRY

FLETCHER B. COFFIN, *Professor*

Students majoring in Chemistry should in addition to 24 hours in Chemistry, take courses in German, Physics, and Cal-

JUNIOR YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Money, Credit and Banking	3	Banking Practice or Foreign trade	3
Corporation Finance	3	Investments	3
Statistics	3	Economic Cycles	3
Electives	6	Electives	9
	15		15

SENIOR YEAR

First Semester	*Credit Hours*	*Second Semester*	*Credit Hours*
Business Law	3	Business Law	3
Marketing	3	Labor Problems	3
Electives	6	Value and Distribution	3
		Electives	6
	15		15

DEPARTMENTS *of* INSTRUCTION

IN THE numbering of the courses, odd numbers indicate first semester courses, even numbers second semester courses. A hyphen between the semester course numbers (1-2) indicates that credit will be given only on the completion of the whole year's work. A comma between the numbers (3, 4) indicates that credit will be given for the work of either semester. The number of hours refers to the credit per semester allowed for the course; see page 46. The departments of study are arranged alphabetically.

ASTRONOMY

HAROLD B. CURTIS, *Professor*

1. GENERAL ASTRONOMY — A descriptive course. In addition to text book work the course includes observation with the small portable telescope, sextant, etc., and practice in some of the fundamental problems of spherical astronomy: Given second semester, 1930-31 and alternate years: Prerequisite: Trigonometry. *Three hours a week, second semester.* Counts toward a mathematics major.

2. THEORETICAL ASTRONOMY — Opportunity is given for advanced work on the theoretical side of the subject. There is a small but well selected library, and the most important periodicals are available for student use.

BIBLICAL LITERATURE

(*See Religion, page 90-92*)

BIOLOGY

BRUCE LINEBURG, *Professor*

ELIZABETH TETER SMITH, *Instructor*

A student majoring in this department shall take courses 1, 2, 19, 20, 27, and any two of the remaining courses to make a total of twenty-four credit hours. Any combination of college courses in Chemistry, Physics, Psychology, or Sociology which totals at least twelve credit hours will be accepted as comple-

culus. Those intending to study medicine should also take several courses in Biology.

1-2. GENERAL INORGANIC CHEMISTRY — This course is arranged to give a full exposition of the general principles involved in modern chemistry, and comprises a systematic study of the properties of the more important metallic and non-metallic elements and their compounds and of the applications of chemistry in technology. Lectures and laboratory work. *Four hours credit, two semesters; lectures three hours, laboratory one hour weekly.*

3-4. QUALITATIVE ANALYSIS — This course includes, besides basic and acid analysis of simple substances, analysis of complex mixtures, alloys, and minerals. Lectures and laboratory work. Courses 1-2 and 3-4 or their equivalent are prerequisites to the higher courses. *Four hours a week, two semesters.*

5-6. QUANTITATIVE ANALYSIS — In this course the student obtains a practical knowledge of quantitative chemical analysis. A number of analyses are made, using the more important gravimetric and volumetric methods. *Four hours a week, two semesters.*

7, 8. ADVANCED QUANTITATIVE ANALYSIS — This is a continuation of course 5-6. It will ordinarily include water analysis, gas analysis, and the analysis of soils, ores, and feldspars; however, the subject matter may be changed to suit the needs of the individual student. *Three to five hours a week, two semesters.*

9-10. PHYSICAL CHEMISTRY — The most important principles of physical chemistry are discussed in lectures. These include the gas laws, thermochemical change, phase rule, osmotic pressure, electrolytic dissociation, chemical statics and dynamics, and electro-chemistry. Parallel assigned reading from the modern treatises of Ostwald, Nernst, Walker, Jones, and other writers is required. *Two hours a week, two semesters.*

11. ORGANIC CHEMISTRY — Lectures on the fundamental principles of organic chemistry. Stress is laid on the methods of preparing organic compounds, their structures and relationships. *Three hours a week, first semester.*

12. ORGANIC PREPARATIONS — This is a laboratory course which presupposes Course 11. A number of typical organic compounds are prepared. *Three hours a week, second semester.*

13, 14. RESEARCH WORK — Special topics for investigation by advanced students will be assigned after consultation. Time and credit individually arranged.

A course not offered one year is ordinarily offered the suceeding year.

ECONOMICS, SOCIOLOGY AND BUSINESS

ERNEST A. JOHNSON, *Associate Professor* *
LOUIS A. KELLER, *Assistant Professor*
ROBERT R. LOGAN, *Instructor*
ERNEST J. ENGQUIST, *Instructor*

Students majoring in this department are required to take courses 1-2, 7, 12, and twelve hours from the other numbered courses below. To complete 36 hours, twelve additional hours may be elected from History, Mathematics 7, 8, Philosophy, Political Science and Psychology.

A. ECONOMIC HISTORY OF THE UNITED STATES — This is a general survey of the evolution of industrial society in the United States from the colonial settlements down to the present, greater emphasis being given to the period since 1860. The course centers about the commercial, industrial, agricultural and financial development and the rise of labor legislation and labor organizations. The primary object of the course is to supply a background of knowledge of past experience and a sense of evolutionary development. *Three hours a week, second semester.*

B. INDUSTRIAL ORGANIZATION — This course is designed to correlate the historical material of Economics A with the economic order of today. The subject matter will include a study of the organization of industry, forms of the business unit, and present day economic problems. *Three hours a week, second semester.*

1-2. PRINCIPLES OF ECONOMICS — The purposes of this course are to develop the fundamental principles, to open the field of economics in the way most helpful to further a more detailed study of special problems, and to give to those not intending to specialize in the subject a comprehension of the general groundwork of economics. The course covers wealth production, conditions of productive efficiency, fundamentals of trade, theories of value and laws of price, and the conditions which underlie the present order and determine the social and personal distribution of wealth and income. Juniors ~~and seniors~~. Sophomores by permission. *Three hours a week, both semesters.*

3. ECONOMICS, ELEMENTARY ACCOUNTING — A thorough discussion of

* On leave of absence, 1930-31.

the fundamental principles of accounting supplemented by systematic practice set work problems and questions. Applications of these principles are studied in connection with both sole proprietorship and partnership forms of organization. The details of the course cover: analyzing transactions and treatment of debit and credit, journalizing, construction and operation of columnar books with and without controlling accounts, imprest system of handing petty cash, treatment of accruals and deferred charges, procedure for inventories, use of trial balance and location of errors therein, construction and preparation of financial statements and technical procedure involved in closing double entry books. *No credit allowed without Econ. 4.* Two one hour classes and one two hour laboratory period per week. *First semester. Three hours credit.*

4. ECONOMICS, ELEMENTARY ACCOUNTING — The application of the principles of double entry to the corporate form of organization, to the manufacturing type of business and to large enterprises, with adequate supplementary drill in the form of a practice set, problems and questions. In detail, the subject matter of the course includes: corporate form of organization, kinds of capital stock and accounting procedure therefore, issue and retirement of bonds, valuation reserves, capital and revenue expenditures, surplus, dividends, and establishment of sinking funds and sinking fund reserves. The practice set used illustrates the accounts peculiar to a manufacturing business as well as the application of various types of voucher systems and the factory ledger. Two one hour classes and one two hour laboratory period per week. *Second semester. Three hours credit.*

5-6. BUSINESS LAW — The legal principles applicable to commercial transactions. In the first semester a general survey is made of the formation, interpretation, operation, and discharge of contracts — one of the indispensable aids to the functioning of the business world. In the second semester there is a more detailed study of the legal rules governing the sale of goods, and negotiable instruments. The purpose of the course is to build up a knowledge of the fundamentals of each subject by a combination of the case, lecture, and problem method. Prerequisite: Economics 1-2. *Three hours a week, two semesters.*

7. MONEY, CREDIT, AND BANKING — The nature and use of money as a medium of exchange. Recent monetary history, and the existing monetary system of the United States and the more important foreign countries. Bimetallism, credit, credit instructions, paper money, the

quantity theory of money, the relation of money and credit to prices, and modern currency problems. A survey of financial institutions in modern society. Particular emphasis on the principles of commercial banking. An outline of the banking systems of England, France, and Germany, and a careful analysis of the Federal Reserve System in the United States. Discussion of current topics and statistics relating to money, banking, domestic and foreign commerce and exchange, price movements, etc. Prerequisite: Economics 1-2. *Three hours a week, first semester.*

8. CORPORATION FINANCE AND INDUSTRIAL ORGANIZATION — Study of the different types of business organizations with emphasis upon the corporation. The process of formation of corporations, kind of securities, methods of promotion, underwriting, capitalization, etc.; principles of corporate administration, investment of funds, financial statements, depreciation funds, dividends; the failure of corporations, receiverships, and reorganizations. Advantages and disadvantages to the business man and to society of the corporate form of organization. Public utility corporations. The trust problem. A standard financial journal is used. Prerequisite: Economics 1-2 and 3-4. *Three hours a week, first semester.*

9. STATISTICS — A study of statistical methods appropriate for dealing with problems in the social sciences and business. Emphasis will be given to sources of error; critical examination of data; properties and uses of the common averages; formation and interpretation of index numbers. Prerequisite: Economics 1-2. *Three hours a week, first semester.*

10. ECONOMIC CYCLES AND CRISES — A study of recurrent periods of business prosperity and depression, and the theories offered to explain them. Students will examine the factors which must be considered and the statistical methods used in attempting forecasts of general business conditions. Prerequisite: Economics 9. *Three hours a week, second semester.*

12. VALUE AND DISTRIBUTION — Critical analysis and discussion of leading theories of value and distribution: the objective, subjective and volitional theories of value; the legal theory as developed in the decisions of the courts. Laws of population; wage theories; the rent of land; interest; the nature of profits. Prerequisite: Economics, 1-2. *Three hours a week, second semester.*

13. MARKETING — A course designed for students wishing a fundamental knowledge of the existing market structure; and for the

preparation of those desiring to specialize in sales management, advertising or retailing. It treats of marketing functions and market institutions; problems involved and methods used in marketing agricultural products, raw materials, and manufactured goods; functions, positions, and modes of operation of the various types of middleman; the nature and methods of retailing; use and place of advertising and salesmanship; methods of sale, finance, credits and collections; the uses of brand trade marks and trade names; price maintenance; legally unfair methods of competition; the role of organized speculation. Illustrative materials will be mainly from the food field; the social view of the problems will be kept uppermost, and problems of city food supply will be examined in some detail. Prerequisite: Economics 1-2. Given 1930-31 and alternate years. *Three hours a week, first semester.*

16. LABOR PROBLEMS — Study of the relation of the labor interest to current trends in modern society, with analysis of the economic doctrines involved in present controversies over wages and trade organizations. Especial attention is given to employers' associations and labor unions, with their respective methods of bargaining; unemployment; woman and child labor; employment methods; scientific management; and systems of wage payments. Prerequisite: Economics 1-2. Given 1930-31 and alternate years. *Three hours a week, second semester.*

17. ECONOMICS, INTERMEDIATE ACCOUNTING — Designed to train the student to analyze problems and apply the accounting principles involved. In addition to the text a series of graded problems is used to illustrate the form and content of a balance sheet, form and content of a statement of profits, analysis of profits, application of funds, capital expenditures and depreciation policies, determination of costs for inventory valuation, installment accounts, consignments and ventures, branches and agencies, foreign exchange, consolidations, executorship and trustees' accounts, statement of affairs and partnership liquidations. Outside readings in accounting theory. *No credit allowed without Economics 18.* Prerequisite: Econ. 4. *Three hours per week first semester.*

18. ECONOMICS, AUDITING — Covers both theory and practice of auditing, discussion being supplemented with problems, questions and specimen working papers such as are applicable to balance sheet audits. The detailed subject matter of this course covers the procedure involved in connection with: cash and cash funds, receivables, inventories, investments, deferred charges, capital assets, intangible assets, liabilities, both actual and contingent, accounts showing net worth, closing of an audit, and construction of audit reports. Outside readings. Prerequisite: Econ. 17. *Three hours a week second semester. Three hours credit.*

21. FOREIGN TRADE — The nature, methods, and policies of international commerce. A sketch of the development of the foreign trade of the U.S., and an examination of the commercial position occupied by the U.S., as a result of the world war, ending with an analysis of our present export balance, and a consideration of the probable tendencies in the immediate future. Some of the topics discussed are trade routes, tariff policies, sales methods, shipping facilities and policies, and an American merchant marine. Emphasis is placed upon American problems, especially those pertaining to the financial and industrial organizations, for carrying on foreign trade. The course includes a rapid survey of the principles and practices of foreign exchange and a discussion of the relation between foreign trade and abnormal rates of exchange. Prerequisite: Economics A, B and 1-2. Given 1929-30 and alternate years. *Three hours a week, second semester.*

22. TRANSPORTATION — Railways, waterways, and airways from the point of view of economics. The history of the transportation problems in the U.S. since the Civil War. Theories of rates; combination and pooling; consolidation; federal and state control of common carriers; government ownership. A comparative study of the railway systems of other countries, especially England, France and Canada, with a consideration of the economic significance of the world's great railway systems. A survey of the Interstate Commerce Act, the work of the Interstate Commerce Commission, important rate cases, and the operation of the Transportation Act of 1920. Prerequisite: Economics 1-2. Given 1929-30 and alternate years. *Three hours a week, second semester.*

23. BANKING PRACTICE — Commercial banking practice will be studied with emphasis on the modifications introduced under the Federal Reserve System. The following subjects will be examined: bank credit and credit analysis; collections; clearings; money markets and rates; bank investments; international banking; foreign exchange; gold, commodity and security movements between countries; foreign trade financing. Prerequisite: Econ. 7. Given 1930-31 and alternate years. *Three hours a week, second semester.*

24. PUBLIC FINANCE — An introduction to the general field of public

finance, followed by an analytic treatment of financial systems in the U.S. and certain other countries. Public revenues, their nature, classification, and characteristics; public expenditures, their classification and distribution; public credit, its methods and operation. A comparative study is made of budget systems, local and national, and special attention is given to state and federal taxation systems and problems in the United States. Prerequisite: Economics 7. Given 1930-31 and alternate years. *Three hours a week first semester.*

25-26. RESEARCH PROBLEMS — Senior students whose personal qualifications and records give promise of ability and initiative may elect a practical problem each, for field and library research under guidance. Advantage should be taken of this opportunity to study further into the subjects which have particularly aroused interest in sophomore or junior year; as for example, higher branches of accountancy, banking practice, or vital statistics in the insurance field. Problems are normally planned to carry through the year, with two hours credit each semester, but more (or less) credit may be allowed when warranted by the volume and quality of the results accomplished. Prerequisite: twenty hours in the department. Consultation hours arranged individually by appointment.

28. INVESTMENT AND SPECULATION — The differences between investment and speculation. The nature, methods, and principles of investment; a classification of investment securities, and the merits and defects of each form; tests for the evaluation of investments; investment practice, including the use of bond tables, the analysis of balance sheets and income statements, the distribution of investments, etc. Types of stocks, the stock market, organization and practice of the stock exchange. Relation between stock and bond prices, the money market, and the general level of prices. Business barometers and forecasts of business conditions. Prerequisite: Economics 3-4, and 8. *Three hours a week, second semester.*

SOCIOLOGY

1. PRINCIPLES OF SOCIOLOGY — A study of the make-up of the population, social forces, social processes, and social products. An attempt is made to analyze the mechanics of group life and to trace the development of the chief social institutions. Critical studies of existing social forms are conducted with a view to locating hopeful channels of progress. Especial attention is given to theories of social progress. Prerequisite: Economics A, B, or Economics 1-2, or Psychology 1-2. Juniors and seniors. Sophomores by permission. *Three hours a week, first semester.*

4. SOCIAL INSTITUTIONS — A consideration of the salient facts bearing upon the problems of dependency and delinquency, and subjects related thereto. Among the subjects discussed are poverty, unemployment, disease, crime, public and private relief, pensions and insurance. Prerequisite: Sociology 1. *Three hours a week, second semester.*

EDUCATION

GEORGE N. SLEIGHT, *Professor*

Students majoring in Education should in addition to 27 hours in Education take courses in Psychology, Philosophy and Sociology.

PREPARATION FOR TEACHING

Professional standards for teaching are being raised constantly and it is becoming increasingly difficult for the college graduate without special training to secure a good position. The North Central Association requires that teachers in its accredited schools shall have had fifteen semester hours in Education. The Illinois State Examining Board requires for the high school certificate a minimum of twelve semester hours, including educational psychology and a course in methods of teaching. The requirements for certificates in other states vary.

Students intending to teach should consult with the Department of Education as early as possible, preferably at the beginning of their sophomore year. They should plan to major in the subjects they expect to teach and to elect as many courses in Education as possible. Prospective teachers are advised to elect a course in public speaking. Introduction to Education, History of Education, High School Problems, School Administration and Supervision, Educational Psychology and Class Room Techniques should constitute the minimum choice of subjects selected in the department of Education. Many of the other departments offer teachers' courses or a sequence of courses recommended for those preparing to teach.

The following order of election is recommended in the selection of education subjects as offering the most satisfactory preparation for courses which depend upon previous subject matter for their most satisfactory understanding:

SOPHOMORE YEAR

First Semester, 1. Introduction to Education.
Second Semester, 2. History of Education.

JUNIOR YEAR

First Semester, 7. Classroom Techniques.
5. Educational Psychology.
Second Semester, 8. High-school Problems.
6. Measurement of Intelligence.

SENIOR YEAR

First Semester, 3. School Administration and Supervision.
9. Practice Teaching.
Second Semester, 4. Philosophy of Education.
9. Practice Teaching.

1. INTRODUCTION TO EDUCATION — A course designed for all those who, in their future functions as citizens, parents or teachers, need to know the basic principles of public education, with regard to organization, financing and administration of schools. The present day problems of education will be noted and progress reviewed in the light of educational needs. Each student is assigned an educational journal which he reads carefully and upon which he makes reports, oral and written. Basic course for all those who intend to major in education. Not open to freshmen. *Three hours a week, first semester.*

2. HISTORY OF EDUCATION — A study of the origins and development of educational institutions, practice and theory of today. The chief persons and events as well as movements will be noted in such a way as to show the historical setting of present trends in education. Not open to freshmen. *Three hours a week, second semester.*

3. SCHOOL SUPERVISION AND ADMINISTRATION — A presentation of those principles of procedure that are basic in the organization and administration of our public schools. The various units for educational control are studied in terms of their historical development and the principles that govern them. An application of these principles is made to village and city school systems. Qualifications of the supervisor and administrator. Practical techniques involved in the office. Class discussions follow a syllabus with readings and reports. Prerequisite: Education 1 and 2. *Three hours a week, first semester.*

4. PHILOSOPHY OF EDUCATION — This course comprises a study of the psychological and philosophical bases of education and their relation to the varied lines of human endeavor. The many aspects of education will be considered in their bearing on the solution of present problems. An effort will be made to systematize the fundamental ideas involving the principles and practices set forth in other courses, thus enabling the student to acquire a sound basis of theory from which he can independently and intelligently determine what to adopt in the way of educational procedure and objectives. Prerequisite: Psychology 1 and 2, and six hours in Education. Open only to Seniors except by special permission. *Three hours a week, second semester.*

5. EDUCATIONAL PSYCHOLOGY — A study of the fact material of individual differences and its significance in educational procedure; the laws of learning and the analysis of the process of learning; the application of psychological laws to the learning of particular subjects and to the modification of methods of instruction. Prerequisite: Psychology 1 and 2. *Three hours a week, first semester.*

6. MEASUREMENTS OF INTELLIGENCE — The history of the development of tests and measurements of intelligence. Present tests of all varieties reviewed and analysed. Practical training in the giving and interpretation of the tests. Prerequisite: Education 5. *Three hours a week, second semester. Materials Fee, $2.00.*

7. CLASSROOM TECHNIQUES — Consideration of the management of the class; factors in routine control and discipline of pupils; uses of the class record; collection of information regarding pupils, including measures of school ability; proper uses of informational materials. Followed by consideration of plans and devices approved in the teaching of the common branches, based on the principles of psychology as shown in experimental science. Prerequisite: Psychology 1 and 2, and 6 hours in Education. *Three hours a week, first semester.*

8. HIGH SCHOOL PROBLEMS — The purposes, character, problems and types of the American secondary school. Significance of movements and changes taking place in the junior and senior high schools. Mental and physical characteristics of adolescence. Types of curriculum and other features of administration. Extra curricular activities and community relationships. Comparisons with the secondary schools of other countries. Prerequisite: Education 1 and 2, plus three hours more in Education. *Three hours a week, second semester.*

9. PRACTICE TEACHING — Through the courtesy and cooperation of the Lake Forest Public schools opportunities for practice teaching are open to a limited number of college students in the department of education. Such students are required to have senior standing.

Five, forty-five minute periods per week, during a college semester are required to earn three (3) semester hours credit, nine weeks of teaching to earn two (2) semester hours credit and six weeks of teaching to earn one (1) semester hour credit.

Prerequisites: senior standing and at least from nine to twelve hours of education.

10. EDUCATIONAL SOCIOLOGY — This course comprises a study of community organization and needs and the effects of social forces upon the aims, courses of study and organization of the present school system of the United States.

Until further notice this course is only offered in extension work to teachers already in service.

ENGLISH

DANIEL FORD, *Professor*
WILLIAM E. MCPHEETERS, *Professor*
MARY SPERRY, *Assistant Professor*
MARY PENFIELD, *Instructor*
AGNES R. KOUPAL, *Dean of Women*

English 1-2 constitutes six hours of composition required of all students, and is to be taken in the freshman year. For the four hours of literature required either 5-6, 7-8, 29-30, or 39-40 should be taken. Students who choose English as a major subject must take 24 hours in addition to 1-2, including 7-8 or 39-40, 15-16, 21-22, and 29-30. The following courses count toward satisfying the 24 hours to be taken in this department: 5-6, 7-8, 9-10, 11-12, 13-14, 15-16, 17-18, 19-20, 21-22, 23-24, 29-30, 31-32, 37, 38, 39-40, 43-44, 47-48. The remaining 12 hours (necessary to complete the major requirement of 36 hours) may be elected among these courses: Speech 7-8; History 3-4, 5-6, 9-10, 23-24, 27-28; Latin 3-4; French 7, 8, 9,

1-2.

10, 11, and 12; German 5-6; Philosophy 6 and 8; Psychology

1-2. ENGLISH COMPOSITION — A course in the principles and practice of composition, with conferences for personal criticism. Outside reading required of all freshmen. *Three hours a week, two semesters.* Professor Ford, Assistant Professor Sperry, Miss Koupal, Miss Penfield.

5-6. VICTORIAN LITERATURE — English prose writers and poets from 1837-1901, particularly Macaulay, Carlyle, Arnold, Newman, Ruskin, Huxley, Stevenson, the Brownings, Tennyson, Swinburne, the Rosettis, and Morris. First semester, prose; second semester, poetry. Prerequisite: English 1-2. Open to sophomores, juniors, and seniors. Not given in 1931-32. *Two hours a week, two semesters.* Professor McPheeters.

7-8. HISTORY OF ENGLISH LITERATURE — A historical and appreciative study of English literature from Beowulf to the present day. Intended to serve as a preparation for all subsequent courses in literature, and must be taken before the Junior year to count toward a major in English. Cannot be taken for credit if English 39-40 is taken. Open to sophomores, juniors and seniors. *Two hours a week, two semesters.* Given in 1931-32. Professor Ford.

9-10. AGE OF CLASSICISM — A more intensive study than that pursued in English 7-8 of English prose and poetry from 1660 to 1785. For special study, the Restoration Period, Dryden, Addison, Pope, Swift, Johnson, and the early novelists. Open to juniors and seniors. Prerequisite, English 7-8 or 39-40. *Three hours a week, two semesters.*

11-12. SPENSER AND MILTON — English literature exclusive of the drama of the 16th and 17th centuries. Prerequisite: English 7-8 or 39-40. *Two hours a week, two semesters.* Given in 1931-32.

13-14. CHAUCER — The Canterbury Tales; Troilus and Criseyde; Chaucer's life and times. Open to juniors and seniors. Prerequisite, English 7-8 or 39-40. *Three hours a week, two semesters.* Mr. Schruers.

15-16. SHAKESPEARE — A detailed study of eight to ten plays with a rapid reading of several others. Required for a major in English. Open to juniors and seniors. Prerequisite, English 7-8 or 39-40. *Three hours a week, two semesters.* Given in 1931-32. Professor Ford.

17-18. ENGLISH DRAMA. — A study of plays representative of the origin and development of English drama up to 1900. Open to juniors and seniors. Prerequisite, English 7-8 or 39-40. *Three hours a week, two semesters.* Given in 1931-32.

19-20. CONTEMPORARY DRAMA — English and American drama from the time of Robertson to the present. A study of influences and movements in European drama following Ibsen, and the concomitant developments in the theatre. Particular emphasis on Ibsen, Galsworthy, Barrie, Shaw, O'Neill and the more important of the recent playwrights. Open to juniors and seniors.* *Three hours a week, two semesters.* Professor McPheeters.

21-22. THE ROMANTIC PERIOD — English Literature from 1785 to 1832. Required for a major in English. Open to juniors and seniors. Prerequisite, English 7-8 or 39-40. *Three hours a week, two semesters.* Given in 1931-32. Assistant Professor Sperry.

23-24. ADVANCED COMPOSITION — Open to students who have completed English 1-2 with a grade of "B" or better. A study, more advanced than English 1-2, of structure and Style. Open to sophomores, juniors and seniors. *Two hours a week, two semesters.* Not given in 1931-32. Assistant Professor Sperry.

29-30. AMERICAN LITERATURE — Lectures with assigned readings. Open to sophomores, juniors and seniors. Required for a major in English. *Two hours a week, two semesters.* Given in 1931-32. Assistant Professor Sperry.

31-32. THE NOVEL — History of the novel with the reading of representative novels. Open to juniors and seniors. Prerequisite, English 7-8 or 39-40. *Three hours a week, two semesters.* Given in 1931-32. Assistant Professor Sperry.

37. LITERARY CRITICISM — The principles. Text book and written exercises. Open to juniors and seniors. Prerequisite, English 7-8 or 39-40. *Two hours a week, first semester.*

38. THE ENGLISH ESSAY — A survey of the type with special study of Bacon, Addison, Steele, Lamb, Hazlitt, and contemporary essayists. Conferences, reports. Open to sophomores, juniors and seniors. Prerequisite, English 7-8 or 39-40. *Two hours a week, two semesters.*

39-40. TYPES OF LITERATURE — A study of the various typical forms of literature with the underlying principles. Illustrative readings with emphasis on ideas and forms. Intended to serve as a preparation for all subsequent courses in literature, and must be taken before the Junior year to count toward a major in English. Cannot be taken for credit if English 7-8 is taken. Open to sophomores, juniors and seniors. *Two hours a week, two semesters.*

* Prerequisite, English 7-8 or 39-40.

43-44. MODERN VERSE — A study of American verse from Whitman to Sandburg and of British from Hardy to Masefield. Open to juniors and seniors. Prerequisite, English 7-8 or 39-40. *Two hours a week, two semesters.* Not given in 1931-32. Professor McPheeters.

47-48. MODERN NOVEL — The British novel since Hardy and the American novel since Howells and Twain are studied. Open to juniors and seniors. Prerequisite, English 7-8 or 39-40. *Three hours a week, two semesters.* Professor McPheeters.

HISTORY

GEORGE A. WOOD, *Professor*
ALFRED HASBROUCK, *Assistant Professor*

In fulfilling the requirement of thirty-six hours for a major in History, twenty-four hours must be chosen from the courses offered by this department. The following courses will be accepted for not more than twelve semester hours credit: other courses in History, Economics 1-2, Education 2, English 7-8, or 29-30, French 11, 12, Philosophy 1, Political Science 1-2 or 5-6, any courses in Religion, Spanish 9-10.

1-2. EUROPE FROM THE ROMAN EMPIRE TO THE FRENCH REVOLUTION — This course sketches Roman imperial history in outline and traces the development of Europe from the disintegration of the Empire to the French Revolution. Its purpose is to show the life of the people of Europe as it was lived and also to call attention to those phases of it which seem to link up most closely with the life of today. It stresses the decline of the Roman Empire, the Barbarian invasions, the Byzantine Empire, the Medieval Church, feudalism, the Crusades, medieval towns, cities and culture, the growth of national institutions, the decline of the Papacy, the Italian Renaissance, the Reformation, dynastic and colonial rivalry. Not given in 1931-32. *Three hours a week, two semesters.*

3-4. EUROPE SINCE 1789 — The early modern period is sketched, and the stages by which civilization and national life have been developed are stressed. Treatment is given to the eras of Napoleon and Metternich, industrial and social changes, the growth of democracy and of nationalism, recent European national history, national im-

perialism, the genesis of the World War, the events of that war, more recent developments. *Three hours a week, two semesters.* Assistant Professor Hasbrouck.

5-6. THE UNITED STATES FROM THE DISCOVERY OF AMERICA TO DATE — The purpose of this course is to present facts which will contribute to good citizenship and orient students in the history of their country. It includes the discovery, settlement, and colonial development of the regions now within the United States, the conditions leading to the American Revolution, the evolution and the provisions of the Constitution, the establishment of the national government and the development of the nation under it. The following leading national themes are given adequate treatment, the evolution of the government, foreign complications, the growth of national feeling, the Monroe Doctrine, westward expansion, the slavery question, the Civil War, Reconstruction, financial problems, political reforms, labor and capital, the growth and regulation of corporations, the United States as a world power, the Spanish-American War and territorial expansion, Caribbean interests and policy, the United States and the World War, the United States since the war. *Three hours a week, two semesters.* Professor Wood.

7-8. LATIN AMERICA — The discovery of America and the conquests and colonization accomplished there by Spain and Portugal are treated. The Spanish colonial system in Spain and the colonies is described and an account is given of the economic and social factors in Spanish colonization. Defects in the system and consequent failures in administration are noted. Portuguese settlement and progress in Brazil are traced. The revolt of the Spanish colonies is developed and followed to the establishment of independent republics. The political history of these republics is outlined including their relations with each other and with the outside world. Much attention is given to economic and social conditions. Problems relating to political and social unrest, the development of natural resources, religion, education, and race relationships are dealt with. The separation of Brazil from Portugal and its national history are sketched. Given in 1932-33 and alternate years. *Three hours a week, two semesters.* Assistant Professor Hasbrouck.

9-10. ENGLAND — The history of England is treated as including British history. The core and most of the body of it is thought of as residing in the British Isles, but attention is also given to the growth of the Empire and to the international problems which accompanied imperial ambitions and expansion. The development is traced from

the beginning of clear and reliable knowledge to 1924. An effort is made to show how and why the English constitution and government came into being and developed and also to record significant national interests and achievements aside from this main stream of national evolution. Thus attention is given to the English Reformation and its aftermath, social conditions and changes, the Industrial Revolution, economic policies, and scientific and cultural progress. *Three hours a week, two semesters.* Assistant Professor Hasbrouck.

11-12. THE COLONIZATION OF AND THE CONFLICT FOR THE MASTERY OF NORTH AMERICA — This course deals with European colonization in North America considered as a whole. It includes not only English, but also Spanish, French, Swedish, Dutch, Russian, and Danish colonization. Geographically, the West Indies as well as the mainland fall within its scope. It aims to give a clear view of the origin and early development of the colonies which became the United States and her nearer neighbors. The institutions and culture contributed by Europe as well as those developed in North America are treated. The expansion of these stronger colonies and the international conflict for the control of the continent are stressed. For qualified advanced students. Not given in 1931-32. *Two hours a week, two semesters.*

13-14. RECENT AND CONTEMPORARY EUROPEAN PROBLEMS — Important problems are studied in sequence making clear the evolution of institutions and movements in the light of human experience. For qualified advanced students. Given in 1932-33 and alternate years. *Credits to be arranged.* Professor Wood.

15-16. RECENT AND CONTEMPORARY AMERICAN PROBLEMS — Fundamental problems of American development are investigated and discussed as phases of national progress. For qualified advanced students. Given in 1931-32 and alternate years. *Credits to be arranged.* Professor Wood.

19-20. AMERICAN DIPLOMACY — The evolution of the Foreign Relations of the United States is traced historically. The colonial and national periods are covered, the former serving as a prelude for the latter upon which the chief emphasis is placed. An attempt is made to present the rôle played by the United States in the family of nations and to show the ways in which this phase of her activity has reacted upon her national life. For qualified advanced students. Given in 1931-32 and alternate years. *Three hours a week, two semesters.* Professor Wood.

21-22. HISTORY OF CIVILIZATION — The development of civilization from the beginning of our knowledge of man to the present day. A survey of human experience. Given in 1932-33 and alternate years. For qualified students. *Three hours a week, two semesters.* Assistant Professor Hasbrouck.

23-24. EUROPE IN THE TWENTIETH CENTURY — This course presents the cultural and political state of Europe at the opening of the twentieth century, European interests outside of that continent, the immediate background for the World War, the course of that struggle, the international adjustments which succeeded it, the national structures which developed from it, twentieth century political and economic tendencies and the intellectual life of the present century. Given in 1930-31 and alternate years. For qualified advanced students. *Three hours a week, two semesters.* Professor Wood.

25-26. THE SOCIAL AND ECONOMIC HISTORY OF LATIN AMERICA — This course is intended to give students an understanding of business and social conditions in Latin America and of how American trade may be increased by an improvement in mutual appreciation and respect. For this purpose it will attempt to explain the reasons for the temperamental differences between Anglo-Saxon-Americans and Latin-Americans by comparing their environments and histories. It will describe trade and industrial conditions and help students to qualify themselves for business opportunities in Latin America. Present social and economic conditions will first be studied, then the origins of these conditions will be sought for in the colonial period and in the history of the republics since they gained their independence. Enough political history will be taught to give the student a background for an understanding of social and economic developments. Investigation into the lives and customs of the peoples of previous epochs will be conducted in accessible published sources such as accounts and memoirs written in English by early travellers. The method of the course will combine lectures, text-book, collateral reading and the solution of special problems. Given in 1931-32 and alternate years. *Three hours a week, two semesters.* Assistant Professor Hasbrouck.

27-28. RECENT HISTORY OF THE UNITED STATES — This course will include thorough study and discussion of all important aspects of the life of the period since 1875. Careful consideration will be given to our political, economic and social development as parts of the Nation's life. For qualified advanced students. *Three hours a week, two semesters.* Given in 1931-32. Professor Wood.

29-30. THE EXPANSION OF EUROPE — This course presents an adequate background for the expansion and traces the process by which large sections of the world have been "Europeanized" or brought under the influence of European governments and peoples. The colonial expansion of the Portuguese, Dutch and Spanish will be given much attention and special stress will be placed upon expansion in the nineteenth century and later, including the growth and present status of the British Empire. For qualified advanced students. Given in 1931-32 and alternate years. *Three hours a week, two semesters.* Assistant Professor Hasbrouck.

LATIN

LILLIAN MARIE LENNARDS, *Instructor*

Additional courses in Roman Comedy, Lucretius, and Juvenal will be given on request or when required to make the major quota of 24 hours. Some of the courses will be offered only in alternate years.

1-2. BEGINNING LATIN — *Three hours a week, two semesters.*

3-4. CICERO — Open to students who present two years of Latin for admission. *Three hours a week, two semesters.*

5-6. VERGIL — Open to students who have presented three years of Latin for admission or who have completed Latin 3-4. *Three hours a week, two semesters.*

7-8. CICERO, LIVY, TERRENCE, HORACE — Open to students who have presented four years of Latin for admission. *Three hours a week, two semesters.*

9-10. HORACE'S SATIRES, TACITUS' AGRICOLA, MARTIAL — Open to students who have completed Latin 7-8. *Three hours a week, two semesters.*

11-12. HORACE'S ARS POETICA, ELGIAC POETS, CATULLUS — Open to students who have completed Latin 9-10. *Two hours a week, two semesters.*

13. GREEK AND ROMAN MYTHOLOGY — Open to all students. Lectures, readings, and reports. A survey of the subject through the use of Gayley's Classic Myths and Ovid's Metamorphoses in translation. *Two hours a week, one semester.*

MATHEMATICS

HAROLD B. CURTIS, *Professor*
ROSCOE E. HARRIS, *Professor*
LLOYD R. WYLIE, *Instructor*

Courses A and 1 or 1 and 2 constitute the required work in Mathematics and must be taken by all students during their freshman year. They are prerequisite for more advanced work in the department. All courses listed below, except course A, count toward a major in Mathematics. A major consists of 24 hours in Mathematics including Astronomy, plus 12 additional hours to make up a total of 36 which may be procured by taking any courses in Chemistry or Physics; Economics 9; and not more than six hours in Economics 3-4, and 17-18. Of the courses marked (*) not more than two will be offered during one semester. No course in which a grade of D is made will count toward a major.

A. ALGEBRA — (Second course) — For students who offer only one year of high school Algebra for entrance. *Three sections, three hours a week, first semester; one section, three hours a week, second semester.* Mr. Wylie, and Professor Curtis.

1. TRIGONOMETRY — For students who offer one year and a half or more of high school Algebra for entrance. *Two sections first semester, three sections second semester, three hours a week.* Professor Curtis and Mr. Wylie.

2. COLLEGE ALGEBRA — Prerequisite, Mathematics 1. *One section, three hours a week, first semester. Three sections, three hours a week, second semester.* Professor Curtis and Mr. Wylie.

3. THEORY OF EQUATIONS — Prerequisite: Mathmetics 1 and 2. Given second semester 1931-32 and alternate years. *Three hours a week, one semester.* Professor Curtis.

5. ANALYTIC GEOMETRY — Prerequisite, Mathematics 1 and 2, or by special permission. *Three hours a week, each semester.* Professor Curtis and Mr. Wylie.

6. ADVANCED ANALYTIC GEOMETRY — Given second semester 1931-32. Alternates with Astronomy 1. *Three hours a week, second semester.* Professor Curtis.

7, 8. DIFFERENTIAL AND INTEGRAL CALCULUS — For Students who intend to specialize in mathematics or who desire calculus for its application to other subjects. Prerequisite: Mathematics 5. *Three hours a week, two semesters.* Professor Curtis.

9. DIFFERENTIAL EQUATIONS — A problem course with emphasis upon its applications. Open to those who have had calculus. *Three hours a week, first semester.* Professor Curtis.

*11, 12. PROJECTIVE GEOMETRY — An introductory course covering the elements of synthetic projective geometry, including the treatment of harmonic and anharmonic ratios, involution, poles and polars, etc. *Two hours a week, two semesters.*

13, 14. ANALYTICAL MECHANICS — Open to those who have had calculus. *Three hours a week, two semesters or one semester.* Professor Harris.

*15, 16. MODERN ANALYTIC GEOMETRY — *Three hours a week, one semester.*

*17, 18. THEORY OF ANALYTIC FUNCTIONS — A treatment of the theory of functions of a complex variable with applications. *Three hours a week, one semester.*

*20. MATHEMATICS OF FINANCE — A course in the application of the laws of interest to accumulation, discount, annuities, amortization, bond yield and valuation, sinking funds, depreciation, life insurance, and other related topics. *Three hours a week, one semester.*

*21. STATISTICS — A course in interpretation of statistics, with reference to the theory of probability, expected deviations, measures of precision, probable error, and so forth. Open to students who have had a course in calculus. *Three hours a week, one semester.*

*24. SURVEYING — *Two hours a week, second semester.* Professor Harris.

LIBRARY — A small, but well selected, departmental library is kept in the class-room, so as to be available for immediate use.

MODERN LANGUAGES

FREDERICK C. L. VAN STEENDEREN, *Professor*
RONALD B. WILLIAMS, *Associate Professor*
VICTOR G. DAVEY, *Instructor*
LILLIAN MARIE LENNARDS, *Instructor*

A major in French or in Spanish consists of 24 credit hours above 1, 2; but a Spanish major includes either 3, 4 or 5, 6, not

both. A major in Romance Languages is based on French 1, 2, and it includes French 3, 4; 5, 6 or 13, 14; 7, 8 or 9, 10; 11, 12, besides six hours in Spanish above 1, 2; or in Italian 1, 2; 3, 4. A major in Modern Languages consists of 14 hours of French and 10 hours of German, all above 1, 2; or of 8 hours each of French, German, and Spanish or Italian, 16 of which must be above 1, 2.

Complementary courses to make up a total of 36 hours required for a major: English 5-6, 21-22 (with French or Spanish 3, 4); 9-10, 15-16, 17-18 (with French 11, 12); 17-18, 31-32 (with French 7, 8; 9, 10). German: 3, 4; 5, 6. Greek: any hours above the first six. History: 1-2, 7-8 (with Spanish 3, 4). Italian, 1-2; 3, 4. Latin: any literary course above 3, 4. Philosophy: 3-4, 6 (with French 11, 12). Psychology 3, 4. Spanish: any hours above the first six.

Courses in both French and Spanish 7, 8, alternate with 9, 10; 11, 12 with 13, 14. Spanish 3, 4 alternates with 5, 6; Italian 1, 2 with 3, 4. In 1931-32 French 7, 8; 11, 12; Spanish 3, 4; 9, 10; 13, 14; 15, 16; Italian 1-2 will be given.

FRENCH

1-2. FIRST YEAR COURSE — This course consists of the study of grammar, composition, and the reading of modern French. Careful training in pronunciation is given. *Two sections. Three hours a week, two semesters.* Mr. Davey.

1c-2c. FIRST YEAR COURSE — For students coming in at the beginning of the second semester of the year. Same as French 1-2. *Three hours a week.* Mr. Davey.

3, 4. INTERMEDIATE FRENCH, READING — This course deals with short stories, poems, novels, and plays of the great poets and masters of fiction and drama in France during the more recent periods. *Two sections. Three hours a week, two semesters.* Professor van Steenderen.

5, 6. REVIEW GRAMMAR AND COMPOSITION — This is a course in review grammar, prose composition, oral expression, word-study, dictation and pronunciation. It may be taken alone, or, more profitably, with 3, 4. While 3, 4 admits to courses 7, 8 and 9, 10, no student will be recommended by this department for a position as teacher of French who has not satisfactorily completed Course 5, 6. *Two hours a week, two semesters.* Mr. Davey.

7, 8. DRAMA — Special attention is given to Molière and the development of comedy in connection with social characteristics. Class reading, reports, and lectures surveying French literature of the last three centuries. Prerequisite: courses 1-2 and 3, 4. *Two hours a week, two semesters.* Professor van Steenderen.

9, 10. THE NOVEL — A study of the novel in France in its various transformations, and its relation to movements of thought and historical environment. Class readings, reports, and lectures as above. *Two hours a week, two semesters.* Professor van Steenderen.

11, 12. HISTORY OF FRENCH LITERATURE — Teachers' Course. A general survey course, intended to impart familiarity with movements, schools of writing, biographic and bibliographic data. Prerequisite: French 3, 4. *Two hours a week, two semesters.* Professor van Steenderen.

13, 14. ADVANCED COMPOSITION — Teachers' Course. French conversation and writing on assigned topics. Pronunciation scientifically studied. Prerequisite: Courses 3, 4 and 5, 6. *Two hours a week, two semesters.* Professor van Steenderen.

GERMAN

1-2. FIRST YEAR COURSE — The aim of this course is to give the student a thorough training in the essentials of modern German. *Three hours a week, two semesters.* Mr. Davey.

3, 4. SECOND YEAR COURSE — Selections from the works of Sudermann, Keller, Scheffel, Freytag, and other modern authors will be read. *Three hours a week, two semesters.* Mr. Davey.

5, 6. GERMAN DRAMA AND NOVEL — A survey through individual works of literature from the present to Lessing. Class readings, reports in German on collaterally assigned plays and novels. Composition, word-study, conversation, pronunciation. *Two hours a week, two semesters.* Professor van Steenderen.

ITALIAN

1-2. FIRST YEAR COURSE — This course aims to cover the necessary grammatical ground rather quickly with a view to an early introduction in Italian literature. Not open to students who have no previous

experience with foreign language. *Three hours a week, two semesters.* Professor van Steenderen.

3, 4. SECOND YEAR COURSE — A course in works by D'Annunzio, Fogazzaro, Manzoni, De Amicis, Goldoni, Alfieri and others, usually ending in a first reading of Dante's *Inferno. Three hours a week, two semesters.* Professor van Steenderen.

SPANISH

RONALD B. WILLIAMS, *Associate Professor*
LILLIAN M. LENNARDS, *Instructor*

1-2. FIRST YEAR COURSE — This course gives a fairly good reading knowledge of Spanish. The student is expected to acquire a knowledge of the fundamental principles of the grammar of the language and some ability in writing, speaking, and understanding Spanish. *Two sections. Three hours a week, two semesters.* Miss Lennards.

3, 4. SECOND YEAR COURSE — Texts simple enough for those who have completed one year of Spanish in college or two years in high school are read. They are chosen, for the most part, from the works of Spanish writers of the nineteenth century and of the present day. Spanish pronunciation is reviewed and stressed. Attention is given to phonetics. *Three hours a week, two semesters.*

5, 6. COMMERCIAL SPANISH — This course alternates with 3, 4. It includes the reading and writing of business letters and a study of the commercial vocabulary. Attention is given to typical advertisements. The fundamental principles of Spanish grammar are reviewed. *Three hours a week, two semesters.*

7, 8. SPANISH LITERATURE OF THE NINETEENTH AND TWENTIETH CENTURIES — The important writers of the eighteenth century are discussed briefly by way of introduction. Representative works of the last century and of the present day are read critically in class. The Generation of 1898 is considered in some detail. Lectures and reports. *Two hours a week, two semesters.*

9, 10. HISTORY OF SPANISH LITERATURE — A survey of the outstanding authors and schools of Spanish literature from its beginnings to the present generation of writers. Lectures, readings, and reports. *Two hours a week, two semesters.*

11, 12. SPANISH CONVERSATION AND ADVANCED COMPOSITION — The time is divided equally between conversation based upon simple texts, and rather difficult composition. *Two hours a week, two semesters.*

13, 14. THE GOLDEN AGE OF SPANISH LITERATURE — A fairly detailed treatment of the Golden Century. Reading of novels and plays. *Two hours a week, two semesters.*

15, 16. ADVANCED GRAMMAR — An advanced course in Spanish linguistics, open only to those who have done work of superior quality in Spanish 3, 4; 5, 6; or 11, 12. *One hour a week, two semesters.*

MUSIC

WALTER S. ARMBRUSTER, *Director*

Liberal arts students receive credit toward their B.A. degree for the following courses in the theory of Music. These courses may be taken as electives. A student may receive credit for practical music (voice, piano, violin, and organ) provided he accompanies it with music theory. Regular students in the college may receive academic credit, not to exceed four semester hours in all four years, for playing in the college band or orchestra or for singing in the college chorus.

THEORETICAL MUSIC

1. FUNDAMENTAL OF MUSIC — An introductory study of the fundamentals of music — music notation, knowledge and use of clefs, keys, scales, signatures, intervals, triads and their inversions, ear-training and melody writing. Prerequisite for Harmony 1-a. *Two hours a week.*

1-a. HARMONY — Study of relationship. Relation of tones to scale and chord, chords to key, and relation of all to the accent. Harmonization of given melodies by means of the Melodic basis, with a constant appeal to the ear and feeling. Harmonization of original melodies. *Two hours a week.*

1 b. HARMONY — Continuation of Harmony 1-a. Harmonization of melodies using secondary harmonies, altered chords, and modulation. Original work. *Two hours a week.*

2a. HISTORY AND APPRECIATION OF MUSIC — A general survey of musical history and literature from its crudest to its most perfect forms, with illustrations. Gives the student a deeper knowledge of the masters and an appreciation and understanding of the masterpieces of music. *Two hours a week.*

2-b. HISTORY AND APPRECIATION OF MUSIC — Continuation of Music 4. *Two hours a week.*

PRACTICAL MUSIC

RULE: *Not more than four hours of practical music may be accepted toward the B.A. degree unless accompanied by theoretical courses.*

Freshmen or Sophomores who play full time in the College band may be given full credit for Physical Education in place of the academic credit.

Juniors and Seniors who have not fulfilled their Physical Education requirement may make up such deficiency by full participation in the band — a semester of band credit being equivalent to a semester of Physical Training credit.

CHORAL ENSEMBLE — Men's and Women's Glee Clubs — Prerequisite, ability to read music. Membership decided by tryouts. Open to all classes. Studies in masterpieces of choral literature; attendance at rehearsals and concerts. *An activity.*

BAND ENSEMBLE — Prerequisite, ability to play a band instrument. Membership decided by tryouts. Open to all classes. If elected for more than two years, credit will be granted only in accordance with the rule stated above. *Two hours a week. One hour credit.*

ORCHESTRA ENSEMBLE — Prerequisite, ability to play an orchestral instrument. Membership decided by tryouts. Open to all classes. *An activity.*

PRIVATE MUSIC

See Rule under Practical Music.

VOICE CULTURE — Instruction in singing. The aim of the instruction is to secure a free, natural tone production, correct use of the breath, intonation, attack, legato, phrasing and enunciation.

Private lessons with Mr. Armbruster: One-half hour lesson a week, per semester $36.00; Two one-half hour lessons a week, per semester $60.00.

Class lessons: Separate classes for Soprani, Alti, Tenors and Basses. At least four in class. Two one-half hour lessons a week, per semester $18.00. (Bills payable through College office.)

PIANO INSTRUCTION — *Private lessons with Miss Boyce*: One-half hour lesson a week, per semester, $45.00; two half-hour lessons a week, per semester, $75.00.

Class lessons: Curtis Method of Instruction. One hour a week, per semester, $27.00.

Violin Instruction: To be arranged.

ORGAN INSTRUCTION — *Private lessons with Miss Boyce*: One-half hour lesson a week, per semester, $45.00; two half-hour lessons a week, per semester, $75.00.

Practice room with piano may be obtained at the rate of one hour per day, per semester, $4.50.

Organ practice at rate of one hour per day, per semester, $9.00.

PHILOSOPHY AND PSYCHOLOGY

STERLING P. WILLIAMS, *Professor*

To satisfy the major requirements in this department, courses in the following subjects will be acceptable, as complementary: History, Biblical Literature, Sociology, Economics, Literature, if the major be in Philosophy, and courses in the Laboratory Sciences, if the major be in Psychology.

PSYCHOLOGY

1-2. GENERAL PSYCHOLOGY — A survey of the generally recognized facts, principles and problems of normal adult Psychology. Not open to freshmen. *Three hours a week, two semesters.*

3. SOCIAL PSYCHOLOGY — A study of social or cultural stimuli, social situations, and social responses which result in the various types of personality as we know them. Prerequisite: Psychology 1-2. Given in 1931-32 and alternate years. *Three hours a week, first semester.*

4. EXPERIMENTAL PSYCHOLOGY — This course will afford an opportunity to pursue further by experimental and observational methods, problems suggested in courses 1-2. Prerequisite, Psychology 1-2. Given in 1931-32 and alternate years. *Three hours a week, second semester.*

6. MENTAL HYGIENE — A study of the various types of mental ill health, their possible causes and cures. Open to freshmen. *Two hours a week, second semester.*

7-8. PSYCHOLOGICAL PROBLEMS — Properly qualified students among those majoring in Psychology will be given an opportunity to do research work on selected problems. Problems to be studied, class hours and credits to be arranged.

PHILOSOPHY

1. INTRODUCTION TO PHILOSOPHY — An introductory survey of the historic and present day problems and conceptions of Philosophy with

a view of developing a method for controlling experiences in a constructive way. Open to juniors and seniors and to sophomores taking Psychology. *Three hours a week, first semester.*

2. ETHICS — A study of the moral life with special reference to its origins and development, and to the applications of moral principles to present day practical problems. Prerequisite: Psychology 1-2. Given in 1931-32 and alternate years. *Three hours a week, first semester.*

3-4. GREEK AND MODERN PHILOSOPHY — During the first semester, the course will be devoted to the study of the origins of philosophical conceptions among the Greeks. The modern period will be studied with special reference to the influences and developments which have made the modern mind. Open to juniors and seniors. Given in 1931-32 and alternate years. *Three hours a week, two semesters.*

6. LOGIC — This course seeks to give the student training in methods of logical thinking and to acquaint him with the common sources of fallacies. Open to juniors and seniors. *Three hours a week, second semester.*

8. AESTHETICS — A study of the principles of the beautiful in the various fields of art. Prerequisite: Psychology 1-2. Given 1931-32 and alternate years. *Three hours a week, second semester.*

10-11. PROBLEMS OF PHILOSOPHY — Properly qualified students who are majoring in Philosophy will be given an opportunity to do research work on selected problems. Problems to be studied, class hours and credits to be arranged.

PHYSICAL EDUCATION

IRA D. MACINTOSH, *Director of Physical Education and Athletics*
MARY PENFIELD, *Director of Physical Education for Women*
DAVID ADAIR, *Assistant Director of Physical Education and Athletics for Men.*

The aim of this department is the education through physical means, of the mental, moral, social, and bodily powers. The work is based on physical and medical examinations made at the beginning of the student's college course and at stated periods thereafter. Personal attention and instruction are given to the students by the directors.

Permanent records of all examinations are kept for future consultation and advice. When defects are revealed by the medical examination, parents are advised of the physician's recommendation, but no treatments are given without the consent of the parents. For physical defects personal prescriptions of exercise are made and carried out in either class or individual corrective work. Students are excused from the physical training requirements only on recommendation of the examining physician.

Physical training in the gymnasium or out of doors, under the supervision of the directors, is required in the freshman and sophomore years of all men students, two hours a week for the whole of each semester, and of all women of the first three classes from the opening of college to June first, three hours a week for freshmen and sophomores and two hours a week for juniors. It is subject to the usual regulation regarding absences and quality of work. A one hour lecture course in personal hygiene is required of all freshman women as one of their three hours. For this course in hygiene one hour of college credit is given.

The College authorities encourage sports on the athletic field in such amount and of such character as is compatible with the higher objects of the college.

For the purpose of encouraging and guiding the interests in athletics, the students of the college have an Athletic Association. The management of the athletic interests of the college is vested in a Board of Control, which consists of representatives of the faculty, and students.

FOR MEN

Teams are organized in six branches of sport for inter-collegiate contests, i.e. football, basketball, track, baseball, tennis, and cross-country. Major sport awards are given for football, basketball, track and baseball, and minor sport awards are given for tennis and cross-country. Credit for one semester of Physical Education is given for each season of faithful participation in any of the six inter-collegiate sports. Four semesters of accredited work in Physical Education are required of every male student for graduation. A highly developed system of intra-mural athletics makes possible the organization of class and fraternity teams.

When weather permits all work is conducted out of doors. During the indoor season the work consists of the latest forms of physical education with emphasis on group development.

Faithfulness in training and practice count for more in securing places on the College teams than individual brilliancy and natural ability.

For men who desire to teach after graduation, special work will be

given that will cover the problems of coaching and directing athletic activities.

FOR WOMEN

Gymnastics, field hockey, tennis, swimming, basketball, and track are offered. Throughout the entire year matches in the various sports are held in accordance with the plan of the Women's Athletic Association, including a Field Day, swimming meet, interclass hockey, baseball, and basketball tournaments, and inter-sorority basketball tournaments. The letters L. F. may be given any individual earning a prescribed number of points in athletics and W. A. A. activities. An individual cup is given to the winner of the tennis tournament.

PHYSICS

ROSCOE E. HARRIS, *Professor*

Students desiring to satisfy the science requirement in this department must take Physics 1-2. This course is also prerequisite for most other courses. It should be taken by those wishing to complete premedical or pre-engineering requirements. Courses 1-10, with the prerequisite mathematics, prepare students to enter industrial research laboratories and should be taken by those expecting to be recommended to scientific positions. These courses constitute a technical major. Others who wish to elect a less technical major in Physics are advised to take Physics 1-2, 3, 5, 12, and 16, and one more three hour course.

It is understood that one laboratory period ordinarily consists of two consecutive hours.

1-2. GENERAL PHYSICS — The fundamental physical laws and their applications are taught by lecture demonstration and individual work in the laboratory. Special stress is placed on the laboratory work. Three lectures and two laboratory periods a week. *Five hours per week. First semester.* Trigonometry required.

3. Mechanics and Heat — An intermediate course designed to give an analytical basis in mechanics with applications made in the field of heat and kinetic theory. Lectures and Problems. *Three hours per week. First semester.* Physics 1-2 required.

4. OPTICS — Geometrical and Physical optics and spectroscopy are studied by demonstration lecture and problems. *Three hours per week. Second semester.* Physics 1-2 and 3 prerequisite. Calculus should be taken concurrently.

5. MEASUREMENT IN RADIO-FREQUENCY ELECTRICITY — A short introduction to electrical measurements is followed by (1) a thorough study of the thermionic vacuum tube and its various applications; (2) wave meter measurements; (3) studies in electrical resonance, and (4) practical circuits and problems. *Two hours credit, first semester; two laboratory periods weekly.* Prerequisite: Physics 1-2.

6. OPTICAL MEASUREMENTS — A laboratory course accompanying Physics 4. *Two hours credit. Two laboratory periods a week, second semester.*

7. ELECTRICITY AND MAGNETISM — An analytical study of the classical electricity and magnetism up to the 20th Century. Lectures, *three hours a week. First semester.* Prerequisite: Physics 1-2. Calculus required.

8. RECENT ADVANCES IN PHYSICS — A course of lectures dealing with the electrical properties of gases, the electron theory, X-ray, radio-activity, the quantum theory and its application to atomic structure, spectroscopy, and photo-electricity Lectures, *three hours a week, second semester.* Prerequisite: Physics 7.

9-10. ELECTRICAL MEASUREMENTS — Use of accurate electrical measuring instruments in modern methods of measuring electrical quantities is made. The last part of the course is devoted to experiments in modern Physics. Laboratory course accompanying Physics 7-8. *Two hours credit. Two laboratory periods a week, two semesters.*

12. SOUND — The course consists of lecture demonstrations and laboratory experiments in the study of wave motion and simple harmonic motion, resonance, interference, reflection, and refraction of waves with special reference to sound. Basic principles of musical instruments. Studies of the ear and voice. Auditorium acoustics and photography of sound waves. Analysis of students' voices and of musical instruments is made. Specially designed for students of the Department of Music. Lectures, *three hours a week, second semester.*

13-14. PROBLEMS IN PHYSICS — Special laboratory problems may be assigned to a few advanced students. Given upon demand. *Credit and hours to be arranged.* Seniors only.

16. HISTORY OF PHYSICS — A reading course showing the evolution of our latter day physical concepts. Designed to give the mature student who has had no physical science a partial understanding of our present day scientific civilization. Open to Juniors and Seniors only. *Three lectures per week. Second semester.*

20. MECHANICAL DRAFTING — This course briefly covers various phases of drafting, materials, and machine design. Three hours per week in the drawing room will usually be sufficient to do the work for one hour's credit. *Not more than two hours' credit allowed.*

21. CONSTRUCTION DRAWING — The elements of architectural drawing are taught by preparing practical plates such as might be required in the average architect's office. Facts of actual construction work are also presented. *Hours and credit as for 20.*

22. PERSPECTIVE DRAWING — The fundamental laws of landscape sketching and architectural perspective are presented by means of a series of sketches, many selected locally. *Hours and credit as for 20.*

POLITICAL SCIENCE

S. A. HARTZO, *Associate Professor*

Students taking a major in Political Science must take at least 24 hours in the department. Additional hours to meet the major requirement may be taken in History or Economics.

1-2. AMERICAN FEDERAL AND STATE GOVERNMENT — In the first semester is offered an introduction to American federal government and politics including the principles of the federal system and political parties and the processes of government. In the second semester is offered a survey of the state constitutions, federal and state relations, powers and limitations of state governments, administrative reorganization and the newer agencies of democracy; current issues and problems receive attention throughout the course. Not open to freshmen. *Three hours a week, two semesters.*

3-4. INTERNATIONAL LAW — The general principles governing the intercourse of nations in time of peace, and the rules applicable to

belligerents and neutrals in time of war. The development of the idea of a jus gentium, nationalism and internationalism. The contribution of the United States to international law. Particular attention will be given to the Paris Conference of 1919; and the consequent changes in international practice, with the development of the League of Nations. Constant attention is given to current international problems. Prerequisite: Political Science 1-2. Given 1931-32 and alternate years. *Three hours a week, two semesters.*

5-6. COMPARATIVE GOVERNMENT — An introduction to the government and politics of the principal European nations; England, France, Germany, Italy, Switzerland, and Russia receive most attention, though the institutions adopted by the newer states are also noted. Prerequisite: Political Science 1-2. Given in 1932-33 and alternate years. *Three hours a week, two semesters.*

7. HISTORY OF POLITICAL THEORIES — The development of political thought from earliest times. Lectures, and readings in Plato, Aristotle, Machiavelli, Hobbes, Locke, Montesquieu, Rousseau, Bentham, Austin and contemporary writers. The interdependence between political theory and political practice at different periods of the world's history is constantly emphasized, and wherever possible the applicability of the classical theories to modern problems is tested. Prerequisite: Political Science 1-2. Given in 1931-32 and alternate years. *Three hours a week, first semester.*

8. POLITICAL PARTIES — A study of the organization, and methods of action of political parties, emphasizing those in the United States. Discussion of the primary and conventions system, and the general functions of political parties in a democracy. Prerequisite: Political Science 1-2. Given 1930-31 and alternate years. *Three hours a week, first semester.*

9. INTRODUCTION TO CONSTITUTIONAL LAW — An introductory study of the making and changing of constitutions, the function of the judiciary. Separation and delegation of powers of government, personal liberty, due process, police power, taxation, and eminent domain. Prerequisite: Political Science 1-2. Given 1930-31 and alternate years. *Three hours a week, first semester.*

10. INTERNATIONAL ORGANIZATION — This course is planned to offer the student an introduction to international organization, government, and politics. It includes surveys of the consular and diplomatic services, the treaty system, international arbitration and administration, international conferences, international associations public and private; the

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League of Nations and the Permanent Court of International Justice. Prerequisite: Political Science 1-2 and either 3 or 5. Given in 1930-31. *Three hours a week, second semester.*

RELIGION

BIBLICAL LITERATURE AND THE HISTORY OF RELIGION

HERBERT MCCOMB MOORE, *Professor*
KARL A. ROTH, *Assistant Professor*

Courses in the departments of Philosophy, Psychology, and Sociology will be accepted toward fulfilling the major requirement of 36 hours in this department.

1. INTRODUCTION TO THE STUDY OF THE BIBLE — This course is an orientation course designed to give the student an historical approach to the Bible and its content. The Oriental background to the Bible is studied in the light of the manners and customs as well as the physical, economic, social and religious conditions of Palestine, and of the racial characteristics of its people. Special attention is given to the problems of revelation and inspiration, and the process of collection, canonization and transmission of the Biblical literature. The chief aim of the course is to give the student an intelligent appreciation of the Bible and its place in modern life and thought. Open to freshmen and sophomores. *Three hours a week, first semester.*

2. HISTORY OF BIBLE TIMES — This course attempts a chronological study of the main points of interest in the history of the Old and New Testament times and of the inter-testimental period. The development and significance of religious ideas and beliefs are studied in relation to the outstanding historic events in the life and experience of the people. Open to freshmen and sophomores. *Three hours a week, second semester.*

3. THE LITERATURE OF THE OLD TESTAMENT — This course approaches the literature of the Old Testament from the historical point of view. It seeks to ascertain the historic background or setting out of which the various literature emerged, and to view the Old Testament literature as an expression of the vital religious experience of a people. The organization and literary structure of selected books from the various types of literature in the Old Testament are studied. Special attention is given to the religious value of the literature and an attempt is made to lead the student into an appreciative understanding of the Old Testament as a whole, and its place in the development of religious thought. Open to sophomores, who have had Rel. 1 or 2, and to juniors and seniors. *Three hours a week, first semester.*

4. THE LITERATURE OF THE NEW TESTAMENT — Like the course in Old Testament literature, this course approaches the literature of the New Testament historically — as the literary expression of a religious movement. For this purpose a brief survey of the history and development of the early Christian Church is made. This is followed by a reading and study of the New Testament in the light of the historic setting that called forth this literature. A comparative study is made of the gospels, and the letters of Paul are read with special reference to the particular occasion, and the point of view and purpose of their author. Open to sophomores, who have had Rel. 1 or 2, and to juniors and seniors. *Three hours a week, second semester.*

5. THE SOCIAL AND RELIGIOUS TEACHINGS OF THE OLD TESTAMENT PROPHETS — An historical study of the origin, nature and function of Hebrew prophecy, and of the prophetic literature of the Old Testament. The essential message of the outstanding Old Testament prophets will be studied in the light of the political, social and religious situation that constituted the historical setting of the prophets' time. The chief purpose of the course is to help the student gain an appreciative understanding of the abiding contribution of the Old Testament prophets to the religious and ethical thought and life of mankind. Open to sophomores who have had Religion 1 or 2, and to juniors and seniors.

6. THE SOCIAL TEACHINGS OF JESUS — After a brief survey of some of the social institutions and of the social attitude or mind of the time, a study is made of the teachings of Jesus that have special bearing upon the social problems of his day, including the problems of Wealth, Labor, the Family, Religious Institutions, State and Citizenship, Non-resistance and War, Crime and Punishment, and the Kingdom of God. In each case an attempt is made to arrive at some critical evaluation and practical application of his teachings to our own times. Open to sophomores who have had Religion 1 or 2 and to juniors and seniors.

7. THE RELIGIONS OF THE ANCIENT WORLD — After a brief study of the origin and nature of religion and of the forms it assumed among primitive peoples, an historical and comparative study is made of the great faiths of the past that failed to survive, including especially the religions of Egypt, Babylonia, Assyria, Persia, Greece and Rome.

ENRC

Special attention is given to the significant factors — physical, economic, social and spiritual — that influenced and often determined the rise and development as well as the decline of these religions, and an attempt is made to evaluate their contribution to later thought. Open to juniors and seniors. *Three hours a week, first semester.*

8. THE LIVING RELIGIONS OF THE WORLD — A brief historical and comparative study of the chief living religions of the world, noting in particular their main religious and ethical ideas, beliefs, practices and institutions. This study includes Hindusism, Jainism, Buddhism, Confusianism, Taoism, Shintoism, Judaism, Mohammedanism, and Christianity.

9. PROBLEMS IN MODERN RELIGIOUS THOUGHT — A study of some of the major problems of religious thought in relation to modern knowledge. This course attempts, in the face of modern religious perplexities, to find a satisfying and helpful answer to some of the problems that arise in the mind of students in regard to religion — particularly the Christian religion, and its claims. An effort is made to bring to the attention of the student for reading and discussion some of the best available literature upon a selected list of timely topics. Open to a limited number of juniors and seniors upon consultation with the instructor. *Three hours credit, first semester.*

10. MODERN RELIGIOUS CULTS — A brief study of the rise and development of the major religious cults and movements of modern times, including such developments as Christian Science, Theosophy, Spiritualism, New Thought, Bahaism. An attempt will be made to ascertain their underlying causes, their main points of emphasis, and their present tendencies. Open to a limited number of juniors and seniors upon consultation with the instructor. *Three hours credit, second semester.*

SPEECH

RUSSELL C. TOMLINSON, *Assistant Professor*

The major requirement in the Department of Speech may be fulfilled by twenty-eight hours selected to include the following courses: 1-2; 3-4; 5-6; 7-8; 9-10; 11-12. Complementary hours must include English 1-2, 19-20 and Psychology 1-2. Course 13-14 will be required of all major students who expect a recommendation to teach speech.

An additional statement of the work in Dramatics and Play Production will be found under "Student Organizations" on pages 24, 25.

1-2. FUNDAMENTALS OF SPEECH — An introductory study of the fundamentals of Public Speaking. The course aims to develop poise and ability to think on the platform. It studies methods of effectively projecting ideas to an audience through directness and proper control of the body. There is extensive drill in making outlines and developing skill in organizing ideas. Many short speeches required in class work. *Three hours a week, two semesters.*

3-4. PUBLIC ADDRESS — A course in advanced extempore speaking dealing with the following specific types of public address: the eulogy, the commemoration and dedication speech, the speech of introduction, welcome, acceptance, the after-dinner speech, the political speech, and the college oration. Collateral reading of models. The student will prepare and deliver each type of address. Prerequisite: Speech 1-2. *Two hours a week, two semesters.*

5-6. INTERPRETATIVE READING — A study of the fundamentals of interpretation — tone production, breath control, and correct enunciation and articulation. Aims to give the student the mental and vocal technique required to interpret different literary forms. *Two hours a week, two semesters.*

7-8. ARGUMENTATION AND DEBATE — A study of the principles governing formal and informal argument. Training in analysis of public questions, in brief-making, in strategic organization of arguments, and in effective rebuttal. A study of the forms of reasoning. Much training in detecting and classifying fallacies. This course prepares students to participate in intercollegiate debating. Prerequisite: Speech 1-2. *Three hours a week, two semesters.*

9-10. STAGE FUNDAMENTALS — A laboratory course in the fundamentals of stage mechanics. Includes a study of characteristics of a good play, a short history of the evolution of the theatre, and a survey of plays and personnel of the present-day theatre. Laboratory work in make-up, scene construction, and experimental stage lighting. Lectures on the fundamentals of acting combined with various theories of technique. Plays will be staged in class to demonstrate the principles of technique which have been presented. Collated reading of many plays suitable for amateur production. *Two hours a week, two semesters.*

11-12. PLAY DIRECTING — An advanced course for students interested in the theatre, or for those interested in preparing themselves to do some sort of dramatic work in high schools, colleges, or little theatres. A study of the various types of plays; methods of casting; types of rehearsals; an examination of the various methods of directing plays; a study of atmosphere, acting technique, grouping, tempo, and climax. A thorough study of present day tendencies in the drama. Much collateral reading in all branches of dramatic production. Each student required to direct and produce a full length play. *Two hours a week, two semesters.*

13-14. THE TEACHING OF SPEECH — Lectures, reports, and much collateral reading on the various systems of Speech Training. A study of the advantages and disadvantages of each system together with methods of applying the principles of the various systems to the particular needs of individual students. A study of the methods of conducting extempore speaking contests, of coaching debates, and of presenting plays. A study of the building of the speech curriculum in high schools and grade schools together with the content of the various courses included in such curriculums. *Two hours a week, two semesters.*

14-15. ACTING — An advanced course for students interested in preparing themselves for some form of dramatic work. Two plays will be prepared and staged each semester. A great deal of collateral reading in all branches of theatrical work will be required. An intensive study of stage problems and dramatic technique will be covered. Prerequisite: Speech 5-6. *Two hours, two semesters.*

DEGREES CONFERRED
at the
ANNUAL COMMENCEMENT
JUNE, 1930

BACHELOR OF ARTS

Amacker, John Ralph, Jr.	Stanley, Wisconsin
Andrews, Elizabeth Gibbs	Lake Forest
Anglese, Clarence Francis	Morrison
Atteridge, Thomas M.	Lake Forest
Baird, John Foster	Muncie, Indiana
Bedrosian, John Der	Waukegan
Blumberg, Lillian E.	Waukegan
Boshen, Robert Louis	Oak Park
Brennan, Gertrude Helene	Chicago
Bulow, Edwin Lawrence	Clinton, Iowa
Bund, Margaret May	Evanston
Burk, John	Chicago
Calcagno, August	Forest Park
Carey, Clifford Marion	Waukegan
Corcoran, Elinor Elizabeth	Libertyville
Corrin, J. Oliver	Lake Forest
Cox, Mary Mee	Hammond, Indiana
Ditto, Samuel James	Rockford
Ekstrand, Dorothy C.	Waukegan
Ferner, Herbert Lincoln	Chicago
Haye, Frederick Homer, Jr.	Rockford
Hernly, Harold, Granville	Chicago
Johnson, Ann Elizabeth	Waukegan
Johnson, Elvera Josephine	St. Charles
Johnson, Herbert Mark	St. Joseph, Michigan
Kessler, Adolph Richard, Jr.	River Forest
King, Thomas Caldicott, Jr.	Glencoe
Kirby, John Byron	Marysville, Ohio
Krafft, Mary Elizabeth	Lake Forest
Lawrence, Thomas Barnett, Jr.	Chicago
Lyddon, Harry Malcolm	Brainerd, Minnesota

Mayer, Peter Barnard.....Forest Park
Myers, Alice Elizabeth.....Sugar Grove
Opdycke, Lorenzo.....Lake Forest
Pearce, Stewart Albert.....Carmi
Petersen, Edward Alfred, Jr.....Lake Forest
Pietrangeli, Giggina Mary.....Kenosha, Wisconsin
Roberts, Frederick George, Jr.....Chicago
Rogers, Donald DeWitt.....Chicago
Rostkowski, Chester Bernard.....Maywood
Russell, Helen Ruth.....Mundelein
Squires, Roy Victor, Jr.....Chicago
Stann, Blanche E.....Chicago
Swenkerud, Elizabeth Olga.....Chicago
Swift, Eugene Daniel, Jr.....Chicago
Tasche, Gladys Amanda.....Sheboygan, Wisconsin
Warren, John Calvin, Jr.....Chicago
Williams, Guy Franklin.....Newton, Kansas
Williamson, Clement Lee.....Wagner, South Dakota

BACHELOR OF ARTS IN BUSINESS ADMINISTRATION

Ashton, David Dale.....Rhinelander, Wisconsin
Cain, Harvey Swennes.....Lake Forest
Moore, Harold W.....Ashton

HONORARY DEGREES

William Duncan MacMillan
Doctor of Science

John Sheridan Zelie
Doctor of Literature

John Edward Carver
Doctor of Divinity

Herbert William Prince
Doctor of Divinity

HONORS FOR 1930

MACPHERSON PRIZES

English
Giggina Mary Pietrangeli

Greek and Latin
Marjorie Bernice Witham

Philosophy
Ann Elizabeth Johnson

Declamation
Lawrence Edward Proesch

Oratory
August Calcagno

SIGMA ETA HONOR SOCIETY

Alice Elizabeth Myers — Giggina Mary Pietrangeli
Anthony Silas Pierce

SHIELD HONORS

Giggina Mary Pietrangeli — August Calcagno
Alice Elizabeth Myers — J. Oliver Corrin

THE CLARENCE DIVER AWARDS

August Calcagno — Giggina Mary Pietrangeli

DEPARTMENT HONORS

Chemistry.....Clarence Francis Anglese
Economics.....August Calcagno
Education.....Helen Ruth Russell
Education.....Blanche E. Stann
English.....J. Oliver Corrin
English.....Giggina Mary Pietrangeli
History.....Frederick H. Haye, Jr.
History.....Donald Dewitt Rogers
Mathematics.....Clarence Francis Anglese
Romance Language.....Alice Elizabeth Myers
Romance Language.....Giggina Mary Pietrangeli

ENROLLMENT, 1930-1931

CLASS OF 1931

(Eighty-nine or more semester hours)

Ablahat, Rhoda Bertha.....Chicago
Adams, Ruth Catherine.....Milwaukee, Wisconsin
Aitken, Janet Armitage.....Milwaukee, Wisconsin
Anselm, Ruth Evelyn.....Lake Bluff
Ashton, Dorothy Jane.....Rhinelander, Wisconsin
Becker, Henry C.....Chicago
Berry, Barbara Agnese.....Glencoe
Billings, William Gaither.....Asheville, North Carolina
Broughton, Fidele.....Berwyn
Burk, Martin.....Chicago
Carey, Wesley Gordon.....Zion
Carter, Donald Charles.....Wakefield, Rhode Island
Cook, Lawrence Mills.....Highland Park
Criddle, Robert James.....Freeport
Davison, John Frederick.....Rock Falls
Dennis, Lalan Louise.....Wabash, Indiana
Dixon, LaVerne Allen.....Gurnee
Duke, Ida Farwell.....Dalhart, Texas
Ferzacca, Faust Louis.....Iron Mountain, Michigan
Fordham, Harry Leon.....Oswego
Gall, Harold J. F.....Chicago
Galloway, Arthur Webb.....Marysville, Ohio
Garner, Harriet Diana.....Wilmette
Gilleland, Frank Wallace.....Sistersville, West Virginia
Groner, Gladys Emma.....Lake Forest
Groner, Grace Elizabeth.....Lake Forest
Hall, William Mason.....Glen Ellyn
Hannagan, Charles Richard.....Blue Island
Hayes, Joseph Anthony.....Brimfield
Horan, Catherine Donieve.....Lake Forest
Ipsen, Julia Katherine.....LaGrange
Joyce, William Holden.....Lake Bluff
Kelly, Ruth Elinore.....Gurnee
Kerry, Charles Frederick.....Grays Lake
Kirby, James Galloway.....Marysville, Ohio
Knoeppel, Carolyn Flora.....Chicago

Komar, John Andrew.....Chicago
Kunz, William Theodore.....Edinburg, Tex.
Lahmeyer, Robert Henry.....Fort Wayne, Indiana
Lambrecht, Carl Theodore.....Libertyville
Lincke, Lester Walter.....Lake Bluff
Lockhart, Frank Wesley.....Linneus, Missouri
MacIntosh, Doris Buchanan.....Lake Forest
Marshall, Mildred Alice.....Sycamore
Mason, Jeanette.....Zion
Martin, Thomas Nathan Hillis.....Highland Park
Milner, Elizabeth.....Des Moines, Iowa
McKeown, Hugh Samuel.....Grays Lake
Nissen, Dorothy Irene.....Chicago
Olson, Rudolph Harold.....Rockford
Orth, Charles Conrad.....Detroit, Michigan
Perkins, Augustus Cholett.....Oak Park
Peterson, Elmer Victor.....Brainerd, Minnesota
Pierce, Anthony Silas.....Waukegan
Robinson, Olive Lione.....Oregon
Schwartztrauber, Evelyn Mae.....Zion
Senn, Gladyce Evelyn.....Chicago Heights
Shudoma, Frank.....Lake Forest
Skoug, William C.....Sioux Falls, South Dakota
Steele, Charles Gardinier.....Rhinelander, Wisconsin
Taguchi, Yoshiteru.....Akita, Japan
Tobias, Thomas McIlvaine.....Peoria
Voelker, Gilbert.....Waukegan
Wheelon, Margaret Genevieve.....Minot, N. D.
Wilson, Donald Ambrose.....Lake Forest
Wilson, Ethel Margaret.....Chicago

CLASS OF 1932

(Fifty-nine or more semester hours)

Anderle, Joseph Frederick.....Rhinelander, Wisconsin
Anderson, Philip Lee.....Winthrop Harbor
Anderson, Robert.....Chicago
Bain, William Donald.....Grosse Pointe, Michigan
Berg, Ogretta.....Chicago
Bird, Elizabeth.....Highland Park
Bratzke, William Wilton.....Grays Lake
Brink, Donald Melroy.....Mankato, Minnesota

Chevrier, Homer E. ..... Wausau, Wisconsin
Colosimo, Joseph Guiseppi ..... Chicago
Diver, Helen Elizabeth ..... Waukegan
Dunakin, Vera Alberta ..... Lake Villa
Duncan, Donald Percy ..... Jacksonville
Ellis, Marjorie King ..... Troy, New York
Estrera, Pablo C. ..... Cebu, Philippine Islands
Farrell, Lauren Edward ..... Clinton, Iowa
Fawley, Virginia ..... Oak Park
Ferguson, Ralph LeRoy ..... Chicago
Fieldhouse, Benjamin ..... Gary, Indiana
Fitzgerald, Francis Barry ..... Lake Forest
Furrey, Joyce Genevieve ..... Evanston
Geist, George Frederick ..... Chicago
Gage, Arthur Willard ..... Chicago
Gress, John Jacob ..... Pleasant Unity, Pennsylvania
Hart, Jean Daniel ..... Clinton, Iowa
Johnson, Walter Edward ..... Lake Forest
Jones, Haydn ..... Wilmette
Kaeding, Margaret ..... Chicago
Kearney, Rochfort Wynn ..... Mankato, Minnesota
Macdonald, Donald ..... Chicago
Maiman, Leslie Thomas ..... Lake Forest
Mitchell, Samuel ..... Marquette, Michigan
Moore, Joseph Charles ..... Canton
Nickel, Robert Christian ..... Waukegan
Onion, John Hancock ..... Lewistown
Orr, Clinton Waddington ..... Chicago
Parisoe, Wilbert ..... Danville
Parker, Carl De Ver ..... Rochester, Indiana
Paynter, Richard Travers ..... Glencoe
Ponzio, Theodore Joseph ..... Waukegan
Price, Sterling Blackman ..... White Bear, Minnesota
Radke, Marie Cecelia ..... Waukegan
Reichelt, Wallace Ward ..... Deerfield
Richards, George Alfred ..... Rhineland, Wisconsin
Schoeneman, Milo Walter ..... Wausau, Wisconsin
Schoenleben, Kenneth Page ..... Racine, Wisconsin
Smith, Thomas Emmett ..... Waukegan
Stralko, Peter Paul ..... Calumet City
Swanstrom, Marjorie Gail ..... Chicago
Wadsworth, Maurice ..... Maywood

Wakeley, Hugh Jasper, Jr. ..... Clinton, Iowa
Wainio, Tekla Sophia ..... Waukegan
Walter, Edward Charles ..... Wilmette
Weathers, Clarence Calhoun ..... Evanston
Williams, Howard Henry ..... Milwaukee, Wisconsin
Winship, Ramona Lydia ..... Chicago
Zelenik, John Slowko ..... Waukegan

CLASS OF 1933

(Twenty-seven or more semester hours)

Adams, Margaret May ..... Oak Park
Adams, Virginia Adelaide ..... Oak Park
Amacker, Edward Arnold, Jr. ..... Hinsdale
Ashton, John Phillip ..... Rhinelander, Wisconsin
Bacon, John Roswell ..... Milwaukee, Wisconsin
Beaman, Chester William ..... Great Lakes
Behrens, Ray Dierksmeier ..... Lake Forest
Bell, Loretta Margaret ..... Chicago
Bennett, Winslow Bishop ..... Evanston
Benson, Lillian Olive ..... Rhinelander, Wisconsin
Bergstrom, Paul Leonard ..... Chicago
Best, Jacob Hilmer ..... Chicago
Booker, Clayton Elias ..... East Moline
Buck, Helen Elsie ..... Waukegan
Bunch, Elizabeth C. ..... Chicago
Burke, Grinnell ..... Glencoe
Butkus, Alex ..... Waukegan
Calhoun, Marian Elese ..... Waukegan
Casey, Mary Jeanne ..... Mundelein
Churchill, Charles Beldon ..... Cuba
Colclasure, Burton William ..... Lake Bluff
Collander, Karin Margaret ..... Ashtabula, Ohio
Collins, Carlos Alfred ..... Canton
Conner, Virginia ..... Winnetka
Crook, John Alfred ..... Evanston
Davis, Ann Jerrell ..... Wilmette
Dolan, Willaird James ..... Rhinelander, Wisconsin
Dolton, Flora ..... Mundelein
Duke, Roberta ..... Dalhart, Texas
Eshelman, Albert Heller ..... Canton
Faas, Kathryn Pauline ..... Chicago

Fitzgerald, John Edward, Jr. ..... Lake Forest
Ford, Justin J. ..... Milwaukee, Wisconsin
Good, Carlton Robert ..... River Forest
Goodman, Anton Charles ..... Kewanee
Grant, Thomas William ..... Glencoe
Hall, Lincoln Everett ..... Evanston
Hall, Robert King ..... Lake Bluff
Hanlon, Betty ..... Chicago
Hammond, Richard Dunham ..... Highland Park
Hardt, Henry John ..... Maywood
Hargraves, Walter Foster ..... Rockford
Hart, Miriam Elizabeth ..... Chicago
Hasse, Echo Mildred ..... LaGrange
Hawkins, Harry ..... Chicago
Henning, Edward Hugo ..... Clinton, Iowa
Hodge, Ruth Marie ..... Mundelein
Hodgkinson, Milton Hearst ..... Providence, Rhode Island
Hutcheson, Robert Kinner ..... Chicago
Imig, Robert Arthur ..... Sheboygan, Wisconsin
Jarrell, Lloyd Aubrey ..... Muncie, Indiana
Johnson, Evelyn Jeanette ..... Chicago
Kahn, Charles Frederick ..... Milwaukee, Wisconsin
Keating, Thomas Edward ..... Chicago
Kenny, Richard M. ..... Chicago
Kinser, Harry Leo ..... Lake Forest
Kinser, Marie Manning ..... Lake Forest
Komar, Michael Paul ..... Chicago
Lewis, Madelyn ..... Evanston
Lutz, William Frederick ..... Northbrook
Maier, Dorothy ..... Chicago
Makela, Emil Arvi ..... Waukegan
Mansnerus, Lois Irene ..... Waukegan
Maske, Howard Nicholas ..... Chicago
Mason, Robert A. ..... Chicago
McConnell, George Alexander ..... Zion
McCullough, Genevieve Elsie ..... Gurnee
McKeegan, George Phillips ..... Chicago
Miller, Jack Clay ..... East Lynn
Mitchell, Mildred Alene ..... Clinton, Iowa
Monczak, John Casimer ..... Waukegan
Morgan, Mary Elizabeth ..... Evanston
Murray, Jane Elinor ..... Waukegan

Mutchler, Argela Olga ..... Wilmette
Nenneman, Eunice Dorothy ..... Chicago
Nordburg, Lois Evelyn ..... Winnetka
Omata, Minoru ..... Hanford, California
O'Neill, Joseph ..... Lake Forest
Patton, Robert Sundin ..... Waukegan
Perce, Robert Murray ..... Oak Park
Piehl, Frederick, Jr. ..... Rhinelander, Wisconsin
Pietrangeli, Neil ..... Kenosha, Wisconsin
Proesch, Laurence Edward ..... Evanston
Ranson, Howard Frederick ..... Milwaukee, Wisconsin
Rawlins, Benjamin Adams ..... Evanston
Robbins, William Frank ..... Glencoe
Roenitz, James George ..... Sheboygan, Wisconsin
Sabosky, Alfred Albert ..... Rockford
Sickels, Helen Caroline ..... St. Paul, Minnesota
Smigoski, Annie ..... Highland Park
Smith, Isadore ..... Highland Park
Spring, Howard Adelbert ..... Geneva, Ohio
Stearns, Kathryn Lucille ..... Chicago
Stegeman, Richard Alan ..... Milwaukee, Wisconsin
Steinert, Eva ..... Waukegan
Stewart, William MacDuff ..... Lake Forest
Stordeur, Charles Theodore ..... Winnetka
Stryker, Harold LeRoy ..... Evanston
Suchanski, Peter Paul ..... North Chicago
Swanson, Donald C. ..... Chicago
Taylor, Elizabeth Neeld ..... Evanston
Teller, Marion ElRoy ..... Riverside
Thompson, Letra ..... Waukegan
Tufts, Marjorie ..... Chicago
Uhlemann, Jeannette Louise ..... Winnetka
Waidner, John Thompson ..... Wilmette
Weissenberg, William David ..... Highland Park
Welton, Kenneth Earl ..... Waukegan
Williams, Virginia Catherine Lee ..... Chicago
Witham, Marjorie Bernice ..... Waukegan

CLASS OF 1934

Acox, Leslie Henry ..... Libertyville
Adams, Charles William ..... Milwaukee, Wisconsin
Aguinaldo, Alejandro ..... Great Lakes

Anderson, Marian ..... Winnetka
Andrews, Harriette Adeline ..... Aurora
Ashton, Walter Gilbert ..... Eagle River, Wisconsin
Atkinson, Cyril ..... Lake Bluff
Attridge, Mildred Lucille ..... Lake Bluff
Aye, Walter Thomas ..... Chicago
Barney, Elizabeth Elvira ..... Chicago
Bauersfeld, Ruth Carol ..... Elmhurst
Beerly, Ruth Venita ..... Chicago
Bell, Peter ..... Gary, Indiana
Bellows, William Samuel ..... Waukegan
Beneke, Claire ..... Highland Park
Bennewitz, Gerta Marta ..... Milwaukee, Wisconsin
Bishop, Hartley Everette ..... Zion
Black, Mary Ethelyn ..... Chicago
Bogk, Dorothy Merril ..... Milwaukee, Wisconsin
Boyd, Leburn Orlando ..... Zion
Brady, Arnold Wilson ..... Chicago
Britton, Bruce Oliver ..... River Forest
Broughton, Janet Sylvia ..... Sturtevant, Wisconsin
Brown, Walter B. ..... Highland Park
Browning, Harold ..... Winnetka
Bunkfeldt, Frederick, Jr. ..... Milwaukee, Wisconsin
Burback, Harry Marvin ..... Lake Bluff
Burgess, Edna Mae ..... Beaver Dam, Wisconsin
Butler, Nathaniel ..... Chicago
Campbell, Dorothy Winifred ..... Milwaukee, Wisconsin
Cervelli, Spartaco James ..... Chicago
Clark, Charles Wells ..... Hammond, Indiana
Clickener, Virginia Maurine ..... Waukegan
Commisso, Rocco Ross ..... Geneva, Ohio
Cook, Mildred ..... Oak Park
Copthorne, Jane ..... Hubbard Woods
Cornell, Clara Douglas ..... Glencoe
Cromling, John Marcus ..... Evanston
Daneman, Carol ..... Erie, Pennsylvania
Davis, Caroline Gilbert ..... Wilmette
Davis, William Francis ..... Lake Forest
De Vries, Lucille Margaret ..... Oak Park
Dewey, James Richard ..... Lake Bluff
Ditto, Frank Roland ..... Rockford
Doty, Laurence Lappin ..... Glencoe

Drakeman, Fred John ..... Lake Forest
Dwinell, William Groutt ..... Providence, Rhode Island
Eaton, George ..... Wilmette
Ellis, William Anthony ..... Great Lakes
Erickson, Agnes Mildred ..... Winnetka
Fay, John Arthur ..... Chicago
Field, Jane Elizabeth ..... Milwaukee, Wisconsin
Finn, Richard Sidney ..... Waukegan
Finnicum, Emery Loren ..... Erie
Fitzgerald, Austen William ..... Lake Forest
Forrest, Augustus Jerome ..... Lake Forest
Gall, Ernest Leslie ..... Iron Mountain, Michigan
Goodman, Bernard ..... Chicago
Gottleib, Dorothea Elizabeth ..... Indianapolis, Indiana
Greig, Mary Edwards ..... Oak Park
Gumz, Donald George ..... Waukegan
Haas, Robert Raoul, Jr. ..... Chicago
Haase, Walter E. ..... Milwaukee, Wisconsin
Hanna, Gretel Isabelle ..... Wilmette
Harper, Alice Elizabeth ..... Evanston
Hawkins, Dunreath Lee ..... Sioux Falls, South Dakota
Heidbrink, Erwin M. ..... Chicago
Heitman, Fred Peter, Jr. ..... Wilmette
Henes, Elizabeth Jane ..... Milwaukee, Wisconsin
Herhold, Frank Frederic ..... Chicago
Herschberger, Jack Frederick ..... Chicago
Hinrichs, Anne Gertrude ..... Chicago
Hoffman, William Viney ..... Winnetka
Hubley, John James ..... Lake Bluff
Hussey, Richard Hughes ..... Waukegan
Jacobs, Herbert Bennett ..... Waukegan
Johnson, Carl ..... Waukegan
Katzenmaier, Arthur James ..... St. Paul, Minnesota
Keaster, Leonard Wallace ..... Ravinia
Kenney, John Francis ..... Milwaukee, Wisconsin
Kistler, Floyd Victor ..... Waukegan
Kleine, John Henry ..... Chicago
Kleinz, William Lee ..... Chicago
Kluessner, Norman Carl ..... Forest Park
Knaack, Howard Stanley ..... Lake Bluff
Kotila, Arthur Yalmer ..... Ashtabula, Ohio
Laacke, Anita I. ..... Milwaukee, Wisconsin

Lamb, David Warren ..... Hinsdale
Linderholm, Victor Frederick ..... Lake Forest
Lithway, Helen Kathryn ..... Chicago Heights
Loeffler, Richard John ..... Chicago
Lorenz, Jack ..... Wilmette
Lucke, Gertrude Maxine ..... Winnetka
Madden, George Ehrlich ..... Clinton, Iowa
Maiman, Dorothy Regina ..... Lake Forest
Malela, Bernice V. ..... Waukegan
Martin, John Allison ..... Lake Forest
McGrew, Mariette Alice ..... Chicago
McKana, Clella ..... Wilmette
McKenna, Virginia Harriet ..... Chicago
McNicholas, Leo Francis ..... Iron Mountain, Michigan
Michaels, Robert Joseph ..... Iron Mountain, Michigan
Middleswart, Raymond Charles ..... Cairo
Miller, Virginia Ellen ..... Winnetka
Morgan, Milton Erwin ..... Iron Mountain, Michigan
Morrison, Muriel ..... Chicago
Mutka, Armas Evert ..... Waukegan
Nastri, Gene ..... Evanston
Nelson, Margaret J. ..... Chicago
Nicol, Kenneth Orville ..... Chicago
O'Hara, Robert D. ..... Waukegan
Olsen, Bessie Myrtle ..... Evanston
Ortlund, Victor Bristol ..... Evanston
Overton, Robert Sterling ..... Knoxville, Iowa
Panzer, Fred Charles ..... Chicago
Parsons, Sampson, Jr. ..... Milwaukee, Wisconsin
Peterson, Carl Marius ..... Lake Forest
Przyborski, Max C., Jr. ..... North Chicago
Radecke, Elizabeth ..... Evanston
Rautalahti, Kaarina ..... Waukegan
Reilly, James M. ..... Highwood
Ridgway, Audrey May ..... Freeport
Ritter, Cecile Ruth ..... Chicago
Ross, Aynsley ..... Mundelein
Russell, Vivienne Mae ..... Highland Park
Scharle, Dorothy Viola ..... Lake Bluff
Schultz, William Henry ..... Chicago
Schulz, Kermit Carlyle ..... Evanston
Schuster, James Alfred ..... Forest Park

Sexmith, Lamar Wells ..... Glencoe
Sickels, Edward Norman ..... St. Paul, Minnesota
Simpson, Kenneth ..... Waukegan
Skopec, Howard Francis ..... Chicago
Slemmons, Dorothy Grace ..... Oak Park
Smith, Kenneth McLane ..... Chairyung, Chosen
Speicher, Paul William ..... Berne, Indiana
St. Clair, Virginia Constance ..... Wilmette
Stein, Rose June ..... Chicago
Stevens, Marie Hunt ..... Great Lakes
Stiles, George Albin ..... Dixon
Stinson, Myona Jane ..... Oak Park
Stupey, Marjorie Bernice ..... Waukegan
Thorsen, Marjorie Eleanor ..... Kenilworth
Tschischeck, Bruno Frank ..... Cleveland Heights, Ohio
Tucker, Robert Dyer ..... Lake Bluff
Turney, William Harris ..... Glencoe
Tuscher, Robert Stephens ..... Evanston
Vosburgh, Harriet Elizabeth ..... Wilmette
Walczak, Emily Shirley ..... Milwaukee, Wisonsin
Wands, William DeWitt ..... Chicago
Webster, Marjorie Doreen ..... Hubbard Woods
Wennermark, Alfred James ..... Fort Wayne, Indiana
Wenz, Lolita Gertrude ..... Milwaukee, Wisconsin
White, Laura Virginia ..... Milwaukee, Wisconsin
Whyte, Isabel ..... Whiting, Indiana
Whyte, William James ..... Elm Grove, Wisconsin
Wilcox, Robert Vincent ..... Libertyville
Williams, Howard W. ..... Wilmette
Williams, Warner H. ..... Benton
Wilsey, Mary Genesa ..... Milwaukee, Wisconsin
Wood, Mary W. ..... Marshfield, Wisconsin
Woodbridge, Kathryn Pearl ..... Winnetka
Wyllie, Bennett A. ..... Waukegan

SPECIAL STUDENTS

DeLay, Virginia ..... Lake Forest
Penfield, Mary ..... Evanston
Pfansteihl, Caryl Cody ..... Highland Park
Zink, Ruth Emily ..... Tulsa, Oklahoma

SUMMARY OF STUDENTS

Class of 1931	66
Class of 1932	57
Class of 1933	110
Class of 1934	163
Special Students	4
Total	400

SUMMARY BY STATES AND COUNTRIES

California	1
Chosen	1
Illinois	297
Indiana	11
Iowa	8
Japan	1
Michigan	8
Minnesota	7
Missouri	1
New York	1
North Carolina	1
North Dakota	1
Ohio	7
Oklahoma	1
Pennsylvania	2
Philippine Islands	1
Rhode Island	3
South Dakota	2
Texas	3
West Virginia	1
Wisconsin	42
Total	400

Total - Men - 255
" Women - 145

INDEX

PAGE

Absences 42
Administration of the Curriculum 38
Administrative Officers 13
Admission:
  Entrance Requirements 38-40
  Advanced Standing 40
Alice Home 21
Alumni:
  General Association 37
  Alumni Scholarships 34
Astronomy 55
Athletics 23, 84-86
  Eligibility 44-45
Athletic Field 21

Biblical Literature, Courses in 55
Bills, College 30-31
Biology, Courses in 55-57
  Laboratory Equipment 22
Board and Room 30
Botany 56
Bross Foundation 36
  Bross Prize, Bross Foundation 36
Buildings 17-21
Business Administration:
  Department of 53-54, 59-65
  Courses in 53, 59-65

Calendar, 1931-1932 8
Campus 17-18
Carnegie Science Hall 19, 23
Carnegie Library Fund 22
Change of Registration 43
Chapel 45
Chemistry:
  Courses in 57-59
  Laboratory Equipment 22

PAGE

Class Advisers 16
Committees:
  Faculty 16
  Trustees 12
Commons 19, 28
Contents, Table of 5
Correspondence 4
Courses of Study:
  Business Administration 53-54, 59-65
  Liberal Arts 47-50, 55-94
  Departments of Instruction 55-94

Dormitories:
  For Men 18, 19, 29
  For Women 19, 20, 29
Dramatics 26-27, 92-94
Durand Institute 20

Economics:
  Courses in 59-65
  Required Courses 47
Education 65-68
Engineering, Preparation for 50
English:
  Courses in 68-71
  Required Courses 47
Entrance Requirements 38-39
Expenses:
  For Men 29-31
  For Women 29-31

Faculty 14-16
  Committees of the Faculty 16
Farwell Field 21
French, Courses in 78-79
Freshman Year Work 48

General Information 17-37

PAGE

German 79
Grades 43-44
Graduation, Requirements for 46-53
Grounds and Buildings....17-23
Gymnasium 19

History:
Courses in 71-75
Required Courses....47
Honors:
Departmental 35
Illinois Scholarship....35
Shield 35
Honor Societies....25-26

Infirmary 21
Italian 79-80

Laboratories 22-23
Laboratory Fees....30
Latin 75
Law, Preparation for....51
Library 21-22
Literary Advantages....28
Loans to Students....31-32
Location 17

Major Requirements (See page 49 and departmental statements)
Mathematics:
Courses in....76-77
Required Courses....47
Medicine, Preparation for....51-52
Ministry, Preparation for....52
Modern Languages....77-81
Music....28, 81-83

Officers:
Of Administration....13
Of Board of Trustees....12
Organization and History....9-10

Pearson Loan Fund....31-32
Philosophy, Courses in....83-84
Required Courses....47

PAGE

Physical Education....27-28, 84-86
Physics, Courses in....86-88
Laboratory Equipment....23
Political Science, Courses in..88-91
President....11, 12, 13
Prizes:
Bross 36
McPherson 36
Professional Study, Preparation for....50-53
Psychology, Courses in....83-84
Required Courses....47
Publications, Student....28

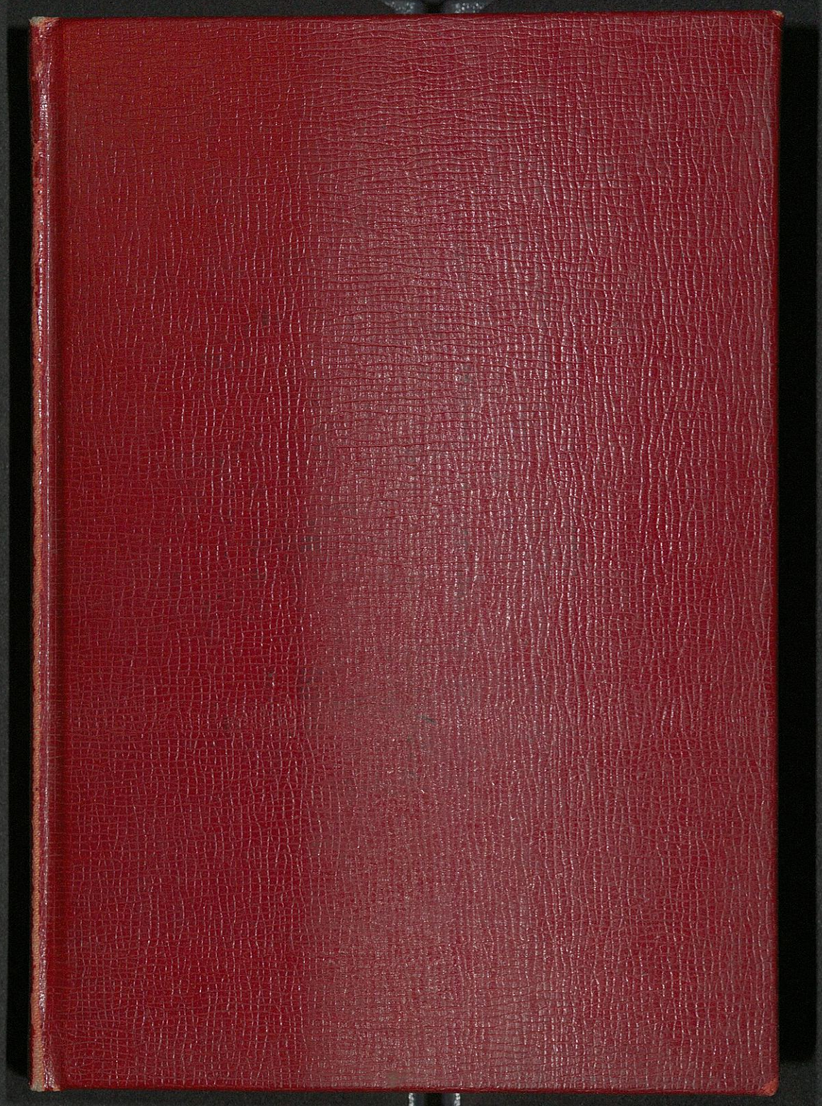
Registrar 13
Registration 40-41
Change of....43
Regulations 42-45
Reid Memorial Chapel....18
Religion, Courses in....90-92
Required Courses....47
Religious Association (See Y.W.C.A.)
Religious Culture....23-24
Required Courses....47
For Degree of B.A....45-47
Requirements:
For Degree of B.A. in Business Administration..52-53
For Entrance....38-39
For Graduation....46-54
Restricted Registration....41
Room and Board....30

Scholarships 32-35
Science, Courses in....55-59, 86-88
Required Courses....47
Secretary:
Of the Board of Trustees....12
Of the Faculty....13
Sociology 64-65
Spanish 80-81
Speech 92-94

PAGE

Student Life....24-25
Student Organizations....26-29
Participation in....44-45
Summary of Students....108

Treasurer of Board of Trustees 12

PAGE

Trustees 11-12
Committees of....12
Officers of....12
Tuition (See Expenses)
Y.W.C.A. 28
Zoology 55-57